BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Project: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

								Project Cost	1295.00 Lakhs
Sl. No	Description of Item	Unit	No.	Length	Width	Depth	Quantity	Rate	Amount
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete Grade M-15 & M-20 (PWD SR 2021-22 Vol III Pg no 8 Item No 2.7(i))								
	Culvert Sides	Cum							
	Mathru Layout								
	1st Main Road		2	10.00	0.45	0.60	5.40		
	2nd Cross Road		2	8.00	0.45	0.60	4.32		
	3rd Cross Road		2	8.00	0.45	0.60	4.32		
	4th Cross Road		2	8.00	0.45	0.60	4.32		
	5th Cross Road		2	8.00	0.45	0.60	4.32		
	6th Cross Road		2	8.00	0.45	0.60	4.32		
	7th Cross Road		2	8.00	0.45	0.60	4.32		
	Raft								
	Mathru Layout								
	1st Main Road		1	10.00	0.45	0.20	0.90		
	2nd Cross Road		1	8.00	0.45	0.20	0.72		
	3rd Cross Road		1	8.00	0.45	0.20	0.72		
	4th Cross Road		1	8.00	0.45	0.20	0.72		
	5th Cross Road		1	8.00	0.45	0.20	0.72		
	6th Cross Road		1	8.00	0.45	0.20	0.72		
	7th Cross Road		1	8.00	0.45	0.20	0.72		
						Sum	36.54		
	Consider 50% for Damaged Portion						18.27		
	Sub Total						18.27		
	Basic rate	731.00							
	Area weightage 10%	73.10							
	Sub Total	804.10							
	Total						18.27	804.10	14690.91
2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
	CC Road								
	JP Colony								
	Damaged Road		1	96.00	3.50	0.25	84.00		
							84.00		
	Deduct 30% Voids						25.20		
	Sub Total						58.80		
							58.80	464.20	27294.96
	Basic Rate	422.00							
	Area Weightage 10%	42.20							
	Total Rate	464.20							
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)								
	New Drain	Cum							
	In front of Krishna Oil mill								
			1	80.00	1.10	1.00	88.00		

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For Vidhansoudha Grill		1	80.00	1.00	1.00	80.00		
Behind		1	15.00	1.00	1.00	15.00		
RHS Side		1	4.20	5.50	0.25	5.78		
Debris						188.78		
Sub Total								
New Drain	Cum							
Shivamandira Road								
LHS		1	245.70	1.40	1.50	515.97		
RHS		1	710.00	1.40	1.50	1491.00		
New Culvert	Cum							
LHS		7	7.00	1.40	1.50	102.90		
RHS		14	7.00	1.40	1.50	205.80		
Sub Total						2315.67		
New Drain	Cum							
Mathru Layout								
1st Main Road, Next to D mart LHS		1	90.00	1.10	1.00	99.00		
1st Main Road, Next to D mart RHS		1	90.00	1.10	1.00	99.00		
2nd Cross Road RHS		1	17.50	1.10	1.00	19.25		
2nd Cross Road LHS		1	18.00	1.10	1.00	19.80		
3rd Cross Road RHS		1	27.00	1.10	1.00	29.70		
3rd Cross Road LHS		1	27.50	1.10	1.00	30.25		
4th Cross Road LHS		1	32.00	1.10	1.00	35.20		
4th Cross Road RHS		1	32.50	1.10	1.00	35.75		
5th Cross Road LHS		1	36.50	1.10	1.00	40.15		
5th Cross Road RHS		1	37.00	1.10	1.00	40.70		
6th Cross Road LHS		1	43.00	1.10	1.00	47.30		
6th Cross Road RHS		1	43.50	1.10	1.00	47.85		
7th Cross Road LHS		1	49.00	1.10	1.00	53.90		
7th Cross Road RHS		1	49.50	1.10	1.00	54.45		
1st Main Road, Damaged Portion		1	190.00	1.10	1.00	209.00		
19th B Cross Road LHS Damaged Portion		1	90.00	1.10	1.00	99.00		
19th B Cross Road RHS Damaged Portion		1	90.00	1.10	1.00	99.00		
Someshwara Nagara								
Main Road LHS		1	91.00	1.10	1.00	100.10		
Main Road RHS		1	91.00	1.10	1.00	100.10		
Beside Temple		1	96.00	1.10	1.00	105.60		
KHB Colony 1st Main Road L shape		1	50.00	1.10	1.00	55.00		
Drain Desilting								
1st Main Road,		1	210.00	0.60	0.45	56.70		
19th B Cross Road LHS		1	70.00	0.60	0.45	18.90		
19th B Cross Road RHS		1	70.00	0.60	0.45	18.90		
Debris at End Road, Mathru Layout		1	9.00	3.50	0.25	7.88		
New Culvert	Cum							
Judicial Layout								
Cross Road 1		1	6.00	1.40	1.00	8.40		
Cross Road 2		1	6.00	1.40	1.00	8.40		
Cross Road 3		1	6.00	1.40	1.00	8.40		
Cross Road 4		1	6.00	1.40	1.00	8.40		
Cross Road 5		1	10.00	1.40	1.00	14.00		
KHB Colony								
Sub Total						1578.48		
JP Colony		1	86.00	1.10	1.00	94.60		
Sub Total						94.60		

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Judicial Layout								
Judicial Layout								
4th Cross Road LHS		1	344.50	1.10	1.00	378.95		
4th Cross Road RHS		1	350.00	1.10	1.00	385.00		
5th Cross Road LHS		1	184.00	1.10	1.00	202.40		
5th Cross Road RHS		1	218.00	1.10	1.00	239.80		
6th Cross Road LHS		1	218.00	1.10	1.00	239.80		
6th Cross Road RHS		1	184.00	1.10	1.00	202.40		
Debris Removal @ End Road		1	9.50	3.00	0.25	7.13		
New Culvert	**Cum**							
Judicial Layout								
4th Cross Road LHS		2	7.00	1.40	1.00	19.60		
5th Cross Road LHS		2	7.00	1.40	1.00	19.60		
6th Cross Road RHS		2	6.00	1.40	1.00	16.80		
Sub Total						**1711.48**		
New Drain	**Cum**							
Judicial Layout								
14th Cross Road LHS		1	189.50	1.10	1.00	208.45		
14th Cross Road RHS		1	203.00	1.10	1.00	223.30		
5B Cross Road LHS		1	60.00	1.10	1.00	66.00		
5B Cross Road RHS		1	60.00	1.10	1.00	66.00		
8th Cross Road LHS Last		1	50.00	1.10	1.00	55.00		
9th Cross Road LHS		1	179.00	1.10	1.00	196.90		
9th Cross Road RHS		1	179.00	1.10	1.00	196.90		
10th Cross Road LHS		1	172.00	1.10	1.00	189.20		
10th Cross Road RHS		1	172.00	1.10	1.00	189.20		
11th Cross Road LHS		1	114.00	1.10	1.00	125.40		
11th Cross Road RHS		1	120.00	1.10	1.00	132.00		
12th Cross Road LHS		1	76.00	1.10	1.00	83.60		
12th Cross Road RHS		1	76.00	1.10	1.00	83.60		
13th Cross Road LHS		1	76.00	1.10	1.00	83.60		
13th Cross Road RHS		1	76.00	1.10	1.00	83.60		
Drain Desilting								
8th Cross Road		1	80.00	1.00	0.60	48.00		
New Culvert	**Cum**							
Judicial Layout								
11th Cross Road LHS		1	6.00	1.40	1.00	8.40		
5A Cross Road LHS		2	6.00	1.40	1.00	16.80		
14th Cross Road		6	7.00	1.40	1.00	58.80		
Cross Road 2		2	6.00	1.40	1.00	16.80		
Cross Road 3		2	6.00	1.40	1.00	16.80		
Cross Road 4		2	6.00	1.40	1.00	16.80		
Cross Road 5		2	6.00	1.40	1.00	16.80		
Sub Total						**2181.95**		
Basic rate	186.00							
Loading and Unloading	118.00							
Sub Total	304.00							
Area weightage 10%	30.40							
Sub Total	**334.40**							
Total						**8070.95**	**334.40**	**2698924.01**

4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	For Drain	**Cum**							
	In front of Krishna Oil mill		1	80.00	0.90	0.15	10.80		
	For Vidhansoudha Grill								
	Behind		1	80.00	1.00	0.15	12.00		
	RHS Side		1	15.00	1.00	0.15	2.25		
	Vending zone								

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		0.5	80.00	15.00	0.15	90.00		
For Cobble Stones		1	28.50	1.50	0.15	6.41		
Deduct RO Plant		-1	5.00	6.00	0.15	-4.50		
Sub Total						**116.96**		
Shivamandira Road								
LHS		1	245.70	1.30	0.15	47.91		
RHS		1	710.00	1.30	0.15	138.45		
New Culvert	**Cum**							
LHS		7	7.00	1.30	0.15	9.56		
RHS		14	7.00	1.30	0.15	19.11		
For Cobble Stones								
Shivamandira Road								
LHS		1	245.70	1.00	0.15	36.86		
RHS		1	710.00	1.00	0.15	106.50		
Sub Total						**358.38**		
Mathru Layout								
1st Main Road, Next to D mart LHS		1	90.00	0.90	0.15	12.15		
1st Main Road, Next to D mart RHS		1	90.00	0.90	0.15	12.15		
2nd Cross Road RHS		1	17.50	0.90	0.15	2.36		
2nd Cross Road LHS		1	18.00	0.90	0.15	2.43		
3rd Cross Road RHS		1	27.00	0.90	0.15	3.65		
3rd Cross Road LHS		1	27.50	0.90	0.15	3.71		
4th Cross Road LHS		1	32.00	0.90	0.15	4.32		
4th Cross Road RHS		1	32.50	0.90	0.15	4.39		
5th Cross Road LHS		1	36.50	0.90	0.15	4.93		
5th Cross Road RHS		1	37.00	0.90	0.15	5.00		
6th Cross Road LHS		1	43.00	0.90	0.15	5.81		
6th Cross Road RHS		1	43.50	0.90	0.15	5.87		
7th Cross Road LHS		1	49.00	0.90	0.15	6.62		
7th Cross Road RHS		1	49.50	0.90	0.15	6.68		
1st Main Road, Damaged Portion		1	190.00	0.90	0.15	25.65		
19th B Cross Road LHS Damaged Portion		1	90.00	0.90	0.15	12.15		
19th B Cross Road RHS Damaged Portion		1	90.00	0.90	0.15	12.15		
Someshwara Nagara				0.90	0.15	0.14		
Main Road LHS		1	91.00	0.90	0.15	12.29		
Main Road RHS		1	91.00	0.90	0.15	12.29		
Beside Temple		1	96.00	0.90	0.15	12.96		
KHB Colony 1st Main Road L shape		1	50.00	0.90	0.15	6.75		
New Culvert	**Cum**							
Judicial Layout								
Cross Road 1		1	6.00	1.20	0.15	1.08		
Cross Road 2		1	6.00	1.20	0.15	1.08		
Cross Road 3		1	6.00	1.20	0.15	1.08		
Cross Road 4		1	6.00	1.20	0.15	1.08		
Cross Road 5		1	6.00	1.20	0.15	1.08		
KHB Colony		1	10.00	1.20	0.15	1.80		
1st Main Road		1	10.00	1.20	0.15	12.00		
2nd Cross Road		1	8.00	1.20	0.15	9.60		
3rd Cross Road		1	8.00	1.20	0.15	9.60		
4th Cross Road		1	8.00	1.20	0.15	9.60		
5th Cross Road		1	8.00	1.20	0.15	9.60		
6th Cross Road		1	8.00	1.20	0.15	9.60		
7th Cross Road		1	8.00	1.20	0.15	9.60		
Sub Total						**251.22**		
JP Colony		1	86.00	0.90	0.15	11.61		
Sub Total						**11.61**		

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For Footings								
i.e = 0.05 + 1.2+0.05 = 1.3 Mts	1	17	1.3	1.3	0.1	2.87		
For SSM								
Long Wall	1	2.00	11.90	0.45	0.10	1.07		
Long Wall	1	1.00	15.30	0.45	0.10	0.69		
Deduct Column	-1	6.00	0.45	0.20	0.10	-0.05		
--do-- Staircase Back wall	1	1.00	1.83	0.45	0.10	0.08		
Short Wall	1	3.00	6.50	0.45	0.10	0.88		
--do--	1	2.00	4.60	0.45	0.10	0.41		
--do-- Staircase Side wall	1	1.00	4.35	0.45	0.10	0.20		
For Staircase Footing	1	1.00	1.10	0.60	0.10	0.07		
For Sump Tank	1	1.00	3.76	3.16	0.10	1.19		
				Sub Total		**7.40**		
Judicial Layout								
Judicial Layout								
4th Cross Road LHS		1	344.50	1.00	0.15	51.68		
4th Cross Road RHS		1	350.00	1.00	0.15	52.50		
5th Cross Road LHS		1	184.00	1.00	0.15	27.60		
5th Cross Road RHS		1	218.00	1.00	0.15	32.70		
6th Cross Road LHS		1	218.00	1.00	0.15	32.70		
6th Cross Road RHS		1	184.00	1.00	0.15	27.60		
New Culvert	**Cum**							
Judicial Layout								
4th Cross Road LHS		2	7.00	1.20	0.15	2.52		
5th Cross Road LHS		2	7.00	1.20	0.15	2.52		
6th Cross Road RHS		2	6.00	1.20	0.15	2.16		
For Cobble Stones	**Cum**							
Judicial Layout								
4th Cross Road LHS		1	342.50	1.00	0.15	51.38		
4th Cross Road RHS		1	350.00	1.00	0.15	52.50		
5th Cross Road LHS		1	184.00	1.00	0.15	27.60		
5th Cross Road RHS		1	218.00	1.00	0.15	32.70		
6th Cross Road LHS		1	218.00	1.00	0.15	32.70		
6th Cross Road RHS		1	184.00	1.00	0.15	27.60		
				Sub Total		**456.45**		
For Drain	**Cum**							
Judicial Layout								
14th Cross Road LHS		1	189.50	0.90	0.15	25.58		
14th Cross Road RHS		1	203.00	0.90	0.15	27.41		
5B Cross Road LHS		1	60.00	0.90	0.15	8.10		
5B Cross Road RHS		1	60.00	0.90	0.15	8.10		
8th Cross Road LHS Last		1	50.00	0.90	0.15	6.75		
9th Cross Road LHS		1	179.00	0.90	0.15	24.17		
9th Cross Road RHS		1	179.00	0.90	0.15	24.17		
10th Cross Road LHS		1	172.00	0.90	0.15	23.22		
10th Cross Road RHS		1	172.00	0.90	0.15	23.22		
11th Cross Road LHS		1	114.00	0.90	0.15	15.39		
11th Cross Road RHS		1	120.00	0.90	0.15	16.20		
12th Cross Road LHS		1	76.00	0.90	0.15	10.26		
12th Cross Road RHS		1	76.00	0.90	0.15	10.26		
13th Cross Road LHS		1	76.00	0.90	0.15	10.26		
13th Cross Road RHS		1	76.00	0.90	0.15	10.26		
New Culvert	**Cum**							
Judicial Layout								
11th Cross Road LHS		1	6.00	1.20	0.15	1.08		
5A Cross Road LHS		2	6.00	1.20	0.15	2.16		
14th Cross Road		6	7.00	1.20	0.15	7.56		
Cross Road 2		2	6.00	1.20	0.15	2.16		
Cross Road 3		2	6.00	1.20	0.15	2.16		
Cross Road 4		2	6.00	1.20	0.15	2.16		
Cross Road 5		2	6.00	1.20	0.15	2.16		

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	For Walkway								
	14th Cross Road LHS		1	175.00	1.00	0.23	40.25		
	14th Cross Road RHS		1	185.00	1.00	0.23	42.55		
					Sub Total		345.58		
	Basic rate	5752.00							
	Area weightage 10%	575.20							
	Sub Total	6327.20							
	Total						1547.60	6327.20	9791997.09
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)								
	Drain								
	Bottom Raft	Cum							
	In front of Krishna Oil mill		1	80.00	0.90	0.15	10.80		
	Side Walls								
	In front of Krishna Oil mill		2	80.00	0.15	0.60	14.40		
					Sub Total		25.20		
	Bottom Raft	Cum							
	Shivamandira Road								
	LHS		1	245.70	1.30	0.15	47.91		
	RHS		1	710.00	1.30	0.15	138.45		
	Side Walls								
	LHS		2	245.70	0.15	1.00	73.71		
	RHS		2	710.00	0.15	1.00	213.00		
					Sub Total		473.07		
	New Culvert	Cum							
	Bottom Raft								
	LHS		7	7.00	1.30	0.20	12.74		
	RHS		14	7.00	1.30	0.20	25.48		
	Side Walls	Cum							
	LHS		14	7.00	0.20	0.90	17.64		
	RHS		28	7.00	0.20	0.90	35.28		
					Sub Total		91.14		
	Bottom Raft	Cum							
	Mathru Layout								
	1st Main Road, Next to D mart LHS		1	90.00	0.90	0.15	12.15		
	1st Main Road, Next to D mart RHS		1	90.00	0.90	0.15	12.15		
	2nd Cross Road RHS		1	17.50	0.90	0.15	2.36		
	2nd Cross Road LHS		1	18.00	0.90	0.15	2.43		
	3rd Cross Road RHS		1	27.00	0.90	0.15	3.65		
	3rd Cross Road LHS		1	27.50	0.90	0.15	3.71		
	4th Cross Road LHS		1	32.00	0.90	0.15	4.32		
	4th Cross Road RHS		1	32.50	0.90	0.15	4.39		
	5th Cross Road LHS		1	36.50	0.90	0.15	4.93		
	5th Cross Road RHS		1	37.00	0.90	0.15	5.00		
	6th Cross Road LHS		1	43.00	0.90	0.15	5.81		
	6th Cross Road RHS		1	43.50	0.90	0.15	5.87		
	7th Cross Road LHS		1	49.00	0.90	0.15	6.62		
	7th Cross Road RHS		1	49.50	0.90	0.15	6.68		
	1st Main Road, Damaged Portion		1	190.00	0.90	0.15	25.65		
	19th B Cross Road LHS Damaged Portion		1	90.00	0.90	0.15	12.15		
	19th B Cross Road RHS Damaged Portion		1	90.00	0.90	0.15	12.15		
	Someshwara Nagara				0.90	0.15	0.14		
	Main Road LHS		1	91.00	0.90	0.15	12.29		

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Main Road RHS		1	91.00	0.90	0.15	12.29		
Beside Temple		1	96.00	0.90	0.15	12.96		
KHB Colony 1st Main Road L shape		1	50.00	0.90	0.15	6.75		
Side Walls								
Mathru Layout								
1st Main Road, Next to D mart LHS		2	90.00	0.15	0.60	16.20		
1st Main Road, Next to D mart RHS		2	90.00	0.15	0.60	16.20		
2nd Cross Road RHS		2	17.50	0.15	0.60	3.15		
2nd Cross Road LHS		2	18.00	0.15	0.60	3.24		
3rd Cross Road RHS		2	27.00	0.15	0.60	4.86		
3rd Cross Road LHS		2	27.50	0.15	0.60	4.95		
4th Cross Road LHS		2	32.00	0.15	0.60	5.76		
4th Cross Road RHS		2	32.50	0.15	0.60	5.85		
5th Cross Road LHS		2	36.50	0.15	0.60	6.57		
5th Cross Road RHS		2	37.00	0.15	0.60	6.66		
6th Cross Road LHS		2	43.00	0.15	0.60	7.74		
6th Cross Road RHS		2	43.50	0.15	0.60	7.83		
7th Cross Road LHS		2	49.00	0.15	0.60	8.82		
7th Cross Road RHS		2	49.50	0.15	0.60	8.91		
1st Main Road, Damaged Portion		2	190.00	0.15	0.60	34.20		
19th B Cross Road LHS Damaged Portion		2	90.00	0.15	0.60	16.20		
19th B Cross Road RHS Damaged Portion		2	90.00	0.15	0.60	16.20		
Someshwara Nagara		2		0.15	0.60	0.18		
Main Road LHS		2	91.00	0.15	0.60	16.38		
Main Road RHS		2	91.00	0.15	0.60	16.38		
Beside Temple		2	96.00	0.15	0.60	17.28		
KHB Colony 1st Main Road L shape		2	50.00	0.15	0.60	9.00		
				Sub Total		406.98		
New Culvert Raft	**Cum**							
Judicial Layout								
Cross Road 1		1	6.00	1.20	0.20	1.44		
Cross Road 2		1	6.00	1.20	0.20	1.44		
Cross Road 3		1	6.00	1.20	0.20	1.44		
Cross Road 4		1	6.00	1.20	0.20	1.44		
Cross Road 5		1	6.00	1.20	0.20	1.44		
KHB Colony		1	10.00	1.20	0.20	2.40		
Side Walls								
Judicial Layout								
Cross Road 1		2	6.00	0.20	0.50	1.20		
Cross Road 2		2	6.00	0.20	0.50	1.20		
Cross Road 3		2	6.00	0.20	0.50	1.20		
Cross Road 4		2	6.00	0.20	0.50	1.20		
Cross Road 5		2	6.00	0.20	0.50	1.20		
KHB Colony		2	10.00	0.20	0.50	2.00		
				Sub Total		17.60		
Bottom Raft	**Cum**							
Judicial Layout								
4th Cross Road LHS		1	344.50	0.90	0.15	46.51		
4th Cross Road RHS		1	350.00	0.90	0.15	47.25		
5th Cross Road LHS		1	184.00	0.90	0.15	24.84		
5th Cross Road RHS		1	218.00	0.90	0.15	29.43		
6th Cross Road LHS		1	218.00	0.90	0.15	29.43		
6th Cross Road RHS		1	184.00	0.90	0.15	24.84		
Side Walls								
4th Cross Road LHS		2	344.50	0.15	0.60	62.01		
4th Cross Road RHS		2	350.00	0.15	0.60	63.00		
5th Cross Road LHS		2	184.00	0.15	0.60	33.12		
5th Cross Road RHS		2	218.00	0.15	0.60	39.24		
6th Cross Road LHS		2	218.00	0.15	0.60	39.24		
6th Cross Road RHS		2	184.00	0.15	0.60	33.12		

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				Sub Total		472.03		
New Culvert	Cum							
Bottom Raft								
Judicial Layout								
4th Cross Road LHS		2	7.00	1.20	0.20	3.36		
5th Cross Road LHS		2	7.00	1.20	0.20	3.36		
6th Cross Road RHS		2	6.00	1.20	0.20	2.88		
Side Walls	Cum							
Judicial Layout								
4th Cross Road LHS		4	7.00	0.20	0.60	3.36		
5th Cross Road LHS		4	7.00	0.20	0.60	3.36		
6th Cross Road RHS		4	6.00	0.20	0.60	2.88		
				Sub Total		19.20		
Drain								
Bottom Raft	Cum							
Judicial Layout								
14th Cross Road LHS		1	189.50	0.90	0.15	25.58		
14th Cross Road RHS		1	203.00	0.90	0.15	27.41		
5B Cross Road LHS		1	60.00	0.90	0.15	8.10		
5B Cross Road RHS		1	60.00	0.90	0.15	8.10		
8th Cross Road LHS Last		1	50.00	0.90	0.15	6.75		
9th Cross Road LHS		1	179.00	0.90	0.15	24.17		
9th Cross Road RHS		1	179.00	0.90	0.15	24.17		
10th Cross Road LHS		1	172.00	0.90	0.15	23.22		
10th Cross Road RHS		1	172.00	0.90	0.15	23.22		
11th Cross Road LHS		1	114.00	0.90	0.15	15.39		
11th Cross Road RHS		1	120.00	0.90	0.15	16.20		
12th Cross Road LHS		1	76.00	0.90	0.15	10.26		
12th Cross Road RHS		1	76.00	0.90	0.15	10.26		
13th Cross Road LHS		1	76.00	0.90	0.15	10.26		
13th Cross Road RHS		1	76.00	0.90	0.15	10.26		
Side Walls								
Judicial Layout								
14th Cross Road LHS		2	189.50	0.15	0.60	34.11		
14th Cross Road RHS		2	203.00	0.15	0.60	36.54		
5B Cross Road LHS		2	60.00	0.15	0.60	10.80		
5B Cross Road RHS		2	60.00	0.15	0.60	10.80		
8th Cross Road LHS Last		2	50.00	0.15	0.60	9.00		
9th Cross Road LHS		2	179.00	0.15	0.60	32.22		
9th Cross Road RHS		2	179.00	0.15	0.60	32.22		
10th Cross Road LHS		2	172.00	0.15	0.60	30.96		
10th Cross Road RHS		2	172.00	0.15	0.60	30.96		
11th Cross Road LHS		2	114.00	0.15	0.60	20.52		
11th Cross Road RHS		2	120.00	0.15	0.60	21.60		
12th Cross Road LHS		2	76.00	0.15	0.60	13.68		
12th Cross Road RHS		2	76.00	0.15	0.60	13.68		
13th Cross Road LHS		2	76.00	0.15	0.60	13.68		
13th Cross Road RHS		2	76.00	0.15	0.60	13.68		
				Sub Total		567.79		
New Culvert	Cum							
Judicial Layout Raft								
11th Cross Road LHS		1	6.00	1.40	0.20	1.68		
5A Cross Road LHS		2	6.00	1.40	0.20	3.36		
14th Cross Road		6	7.00	1.40	0.20	11.76		
Cross Road 2		2	6.00	1.40	0.20	3.36		
Cross Road 3		2	6.00	1.40	0.20	3.36		
Cross Road 4		2	6.00	1.40	0.20	3.36		
Cross Road 5		2	6.00	1.40	0.20	3.36		
Side Walls								
11th Cross Road LHS		2	6.00	0.20	0.60	1.44		
5A Cross Road LHS		4	6.00	0.20	0.60	2.88		
14th Cross Road		12	7.00	0.20	0.60	10.08		
Cross Road 2		4	6.00	0.20	0.60	2.88		
Cross Road 3		4	6.00	0.20	0.60	2.88		
Cross Road 4		4	6.00	0.20	0.60	2.88		

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	Cross Road 5		4	6.00	0.20	0.60	2.88		
					Sub Total		56.16		
	Drain								
	Bottom Raft	Cum							
	JP Colony								
			1	86.00	0.90	0.15	11.61		
	Side Walls								
	JP Colony								
			2	86.00	0.15	0.60	15.48		
					Sub Total		27.09		
	Basic rate	6256.00							
	Add 5% for Shuttering	312.80							
		6568.80							
	Area weightage 10%	656.88							
	Sub Total	7225.68							
	Total						2156.26	7225.68	15580419.47
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	For Drain	Cum					25.20		
		kg	Steel assumed 60Kg/Cum of Concrete				1512.00		
		tonne					1.51		
	For Drain	Cum					473.07		
		kg	Steel assumed 60Kg/Cum of Concrete				28384.29		
		tonne					28.38		
	For Culvert	Cum					91.14		
		kg	Steel assumed 90 Kg/Cum of Concrete				8202.60		
		tonne					8.20		
	For Drain	Cum					406.98		
		kg	Steel assumed 60Kg/Cum of Concrete				24418.80		
		tonne					24.42		
	For Culvert	Cum					17.60		
		kg	Steel assumed 90 Kg/Cum of Concrete				1584.00		
		tonne					1.58		
	For Drain	Cum					27.09		
		kg	Steel assumed 60Kg/Cum of Concrete				1625.40		
		tonne					1.63		
	For Drain	Cum					472.03		
		kg	Steel assumed 60Kg/Cum of Concrete				28321.65		
		tonne					28.32		
	For Culvert	Cum					19.20		
		kg	Steel assumed 90 Kg/Cum of Concrete				1728.00		
		tonne					1.73		
	For Drain	Cum					567.79		
		kg	Steel assumed 60Kg/Cum of Concrete				34067.25		
		tonne					34.07		
	For Culvert	Cum					56.16		
		kg	Steel assumed 90 Kg/Cum of Concrete				5054.40		
		tonne					5.05		
	Basic rate	103329.00							
	Area weightage 10%	10332.90							
	Sub Total	113661.90							

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	Total						**134.90**	**113661.90**	**15332807.31**
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)								
	New Drain Cover Slab	Sqm							
	In front of Krishna Oil mill								
			1	80.00	0.90		72.00		
	Sub Total						**72.00**		
	New Drain Cover Slab	Sqm							
	Shivamandira Road								
	LHS		1	245.70	1.20		294.84		
	RHS		1	710.00	1.20		852.00		
	Sub Total						**1146.84**		
	Mathru Layout								
	1st Main Road, Next to D mart LHS		1	90.00	0.90		81.00		
	1st Main Road, Next to D mart RHS		1	90.00	0.90		81.00		
	2nd Cross Road RHS		1	17.50	0.90		15.75		
	2nd Cross Road LHS		1	18.00	0.90		16.20		
	3rd Cross Road RHS		1	27.00	0.90		24.30		
	3rd Cross Road LHS		1	27.50	0.90		24.75		
	4th Cross Road LHS		1	32.00	0.90		28.80		
	4th Cross Road RHS		1	32.50	0.90		29.25		
	5th Cross Road LHS		1	36.50	0.90		32.85		
	5th Cross Road RHS		1	37.00	0.90		33.30		
	6th Cross Road LHS		1	43.00	0.90		38.70		
	6th Cross Road RHS		1	43.50	0.90		39.15		
	7th Cross Road LHS		1	49.00	0.90		44.10		
	7th Cross Road RHS		1	49.50	0.90		44.55		
	1st Main Road, Damaged Portion		1	190.00	0.90		171.00		
	19th B Cross Road LHS Damaged Portion		1	90.00	0.90		81.00		
	19th B Cross Road RHS Damaged Portion		1	90.00	0.90		81.00		
	Someshwara Nagara				0.90		0.90		
	Main Road LHS		1	91.00	0.90		81.90		
	Main Road RHS		1	91.00	0.90		81.90		
	Beside Temple		1	96.00	0.90		86.40		
	KHB Colony 1st Main Road L shape		1	50.00	0.90		45.00		
	Sub Total						**1162.80**		
	New Drain Cover Slab								
	JP Colony		1	86.00	0.90		77.40		
	Sub Total						**77.40**		
	New Drain Cover Slab	Sqm							
	Judicial Layout								
	4th Cross Road LHS		1	344.50	0.90		310.05		
	4th Cross Road RHS		1	350.00	0.90		315.00		
	5th Cross Road LHS		1	184.00	0.90		165.60		
	5th Cross Road RHS		1	218.00	0.90		196.20		
	6th Cross Road LHS		1	218.00	0.90		196.20		
	6th Cross Road RHS		1	184.00	0.90		165.60		
	Consider 70%						**944.06**		
	Sub Total						**944.06**		
	New Drain Cover Slab	Sqm							
	Judicial Layout								
	14th Cross Road LHS		1	189.50	0.90		170.55		
	14th Cross Road RHS		1	203.00	0.90		182.70		

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	5B Cross Road LHS		1	60.00	0.90		54.00		
	5B Cross Road RHS		1	60.00	0.90		54.00		
	8th Cross Road LHS Last		1	50.00	0.90		45.00		
	9th Cross Road LHS		1	179.00	0.90		161.10		
	9th Cross Road RHS		1	179.00	0.90		161.10		
	10th Cross Road LHS		1	172.00	0.90		154.80		
	10th Cross Road RHS		1	172.00	0.90		154.80		
	11th Cross Road LHS		1	114.00	0.90		102.60		
	11th Cross Road RHS		1	120.00	0.90		108.00		
	12th Cross Road LHS		1	76.00	0.90		68.40		
	12th Cross Road RHS		1	76.00	0.90		68.40		
	13th Cross Road LHS		1	76.00	0.90		68.40		
	13th Cross Road RHS		1	76.00	0.90		68.40		
	Sub Total						**1622.25**		
	Data rate	**2072.00**							
	Total						**5025.35**	**2072.00**	**10412514.84**
8	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Culvert Cover Slab	Sqm							
	Judicial Layout								
	4th Cross Road LHS		1	342.50	0.90		308.25		
	4th Cross Road RHS		1	350.00	0.90		315.00		
	5th Cross Road LHS		1	184.00	0.90		165.60		
	5th Cross Road RHS		1	218.00	0.90		196.20		
	6th Cross Road LHS		1	218.00	0.90		196.20		
	6th Cross Road RHS		1	184.00	0.90		165.60		
	Consider 30%						**404.06**		
	Data rate	**837.00**							
	Total						**404.06**	**837.00**	**338195.00**
9	Providing Machine Cutting edges to B S slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) inclusive of all Taxes complete. as directed by the Engineer in Charge of the work (excluding Area Leading Charges)								
	Culvert Cover Slab	M							
	Judicial Layout								
	4th Cross Road LHS		2	342.50			685.00		
	4th Cross Road RHS		2	350.00			700.00		
	5th Cross Road LHS		2	184.00			368.00		
	5th Cross Road RHS		2	218.00			436.00		
	6th Cross Road LHS		2	218.00			436.00		
	6th Cross Road RHS		2	184.00			368.00		
	Consider 30%						**897.90**		
	Data rate	**390.00**							
	Total						**897.90**	**390.00**	**350181.00**
10	Providing and Fixing pre cast covering Slab made out of CC M20 with 150cm thick and Finishing cutting ,including form work,curing,including cost of all materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
	New Drain Cover Slab	Sqm							
	Judicial Layout 8th Cross Missing Length								
	8th Main Road to 9th Main Road		1	80.00	1.50		120.00		
	Data rate	**2562.00**							
	Total						**120.00**	**2562.00**	**307440.00**
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (SR, 2021-22 Vol-2, SI No 5.4, , P No: 09)								
	For Vidhansoudha Grill								
	Basement								
	Behind		1	80.00	0.80	0.75	48.00		
	RHS Side		1	15.00	0.80	0.75	9.00		
	Superstructure								
	Behind		1	80.00	0.45	0.50	18.00		
	RHS Side		1	15.00	0.45	0.50	3.38		
	Sub Total						**78.38**		

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	Mathru Layout								
	Bottom SSM								
	Mathru Layout								
	1st Main Road		1	10.00	0.45	0.20	0.90		
	2nd Cross Road		1	8.00	0.45	0.20	0.72		
	3rd Cross Road		1	8.00	0.45	0.20	0.72		
	4th Cross Road		1	8.00	0.45	0.20	0.72		
	5th Cross Road		1	8.00	0.45	0.20	0.72		
	6th Cross Road		1	8.00	0.45	0.20	0.72		
	7th Cross Road		1	8.00	0.45	0.20	0.72		
	Sides								
	1st Main Road		2	10.00	0.45	0.60	5.40		
	2nd Cross Road		2	8.00	0.45	0.60	4.32		
	3rd Cross Road		2	8.00	0.45	0.60	4.32		
	4th Cross Road		2	8.00	0.45	0.60	4.32		
	5th Cross Road		2	8.00	0.45	0.60	4.32		
	6th Cross Road		2	8.00	0.45	0.60	4.32		
	7th Cross Road		2	8.00	0.45	0.60	4.32		
	Sub Total						**36.54**		
	RO Plant								
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	1nd Footing								
	LW	5	2	6.20	0.60	0.40	14.88		
	SW	5	2	2.63	0.60	0.40	6.31		
	Basement								
	SSM LW	5	2	6.20	0.45	0.40	11.16		
	SW	5	2	2.63	0.45	0.40	4.73		
	Sub Total						**37.09**		
						Cum	**152.00**	**5964.20**	**906564.36**
	Basic Rate	5422.00							
	Area Weightage 10%	542.20							
	Total	5964.2							
12	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge. (SR, 2021-22 Vol-2, SI No 8.19.1, , P No: 44)								
	For Vidhansoudha Grill	Sqm							
	Superstructure								
	Behind		2	80.00		0.50	80.00		
	RHS Side		2	15.00		0.50	15.00		
	Sub Total						**95.00**		
	Mathru Layout	Sqm							
	1st Main Road		1	10.00		0.60	6.00		
	2nd Cross Road		1	8.00		0.60	4.80		
	3rd Cross Road		1	8.00		0.60	4.80		
	4th Cross Road		1	8.00		0.60	4.80		
	5th Cross Road		1	8.00		0.60	4.80		
	6th Cross Road		1	8.00		0.60	4.80		
	7th Cross Road		1	8.00		0.60	4.80		
	Sub Total						**34.80**		
	RO Plant								
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Basement								
	SSM LW	5	2	6.20		0.40	24.80		
	SW	5	2	2.63		0.40	10.52		
	Sub Total						**35.32**		
	Tota					**Cum**	**165.12**	**220.00**	**36326.40**
	Basic Rate	200.00							
	Area Weightage 10%	20.00							
	Total	220							

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13	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
	Culvert Cover Slab	Sqm							
	Shivamandira Road								
	LHS		7	7.00	1.50		73.50		
	RHS		12	7.00	1.50		126.00		
	Sub Total						199.50		
	Judicial Layout								
	Cross Road 1		1	6.00	1.20		7.20		
	Cross Road 2		1	6.00	1.20		7.20		
	Cross Road 3		1	6.00	1.20		7.20		
	Cross Road 4		1	6.00	1.20		7.20		
	Cross Road 5		1	6.00	1.20		7.20		
	KHB Colony		1	10.00	1.20		12.00		
	Mathru Layout								
	1st Main Road		1	10.00	1.20		12.00		
	2nd Cross Road		1	8.00	1.20		9.60		
	3rd Cross Road		1	8.00	1.20		9.60		
	4th Cross Road		1	8.00	1.20		9.60		
	5th Cross Road		1	8.00	1.20		9.60		
	6th Cross Road		1	8.00	1.20		9.60		
	7th Cross Road		1	8.00	1.20		9.60		
	Sub Total						117.60		
	Culvert Cover Slab	Sqm							
	Judicial Layout								
	4th Cross Road LHS		2	7.00	1.20		16.80		
	5th Cross Road LHS		2	7.00	1.20		16.80		
	6th Cross Road RHS		2	6.00	1.20		14.40		
	Sub Total						48.00		
	Culvert Cover Slab	Sqm							
	New Culvert								
	Judicial Layout Raft								
	11th Cross Road LHS		1	6.00	1.20		7.20		
	5A Cross Road LHS		2	6.00	1.20		14.40		
	14th Cross Road		6	7.00	1.20		50.40		
	Cross Road 2		2	6.00	1.20		14.40		
	Cross Road 3		2	6.00	1.20		14.40		
	Cross Road 4		2	6.00	1.20		14.40		
	Cross Road 5		2	6.00	1.20		14.40		
	Sub Total						129.60		
	Data rate	5037.00							
	Total						494.70	5037.00	2491803.90
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. **Mix 1:2:4 (M15)** (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.1)								
		Cum							
	For Kerb Pcc								
	In front of Krishna Oil mill								
			1	80.00	0.20	0.10	1.60		
	RHS Side		1	15.00	0.20	0.10	0.30		
	Vidhanasowda Gril								
	Coping								
	Behind		1	80.00	0.45	0.10	3.60		
	RHS Side		1	15.00	0.45	0.10	0.68		
	Vending zone								

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		0.5	80.00	1.00	0.10	4.00		
Sub Total						**10.18**		
Mathru Layout								
1st Main Road, Next to D mart LHS		1	90.00	0.20	0.10	1.80		
1st Main Road, Next to D mart RHS		1	90.00	0.20	0.10	1.80		
2nd Cross Road RHS		1	17.50	0.20	0.10	0.35		
2nd Cross Road LHS		1	18.00	0.20	0.10	0.36		
3rd Cross Road RHS		1	27.00	0.20	0.10	0.54		
3rd Cross Road LHS		1	27.50	0.20	0.10	0.55		
4th Cross Road LHS		1	32.00	0.20	0.10	0.64		
4th Cross Road RHS		1	32.50	0.20	0.10	0.65		
5th Cross Road LHS		1	36.50	0.20	0.10	0.73		
5th Cross Road RHS		1	37.00	0.20	0.10	0.74		
6th Cross Road LHS		1	43.00	0.20	0.10	0.86		
6th Cross Road RHS		1	43.50	0.20	0.10	0.87		
7th Cross Road LHS		1	49.00	0.20	0.10	0.98		
7th Cross Road RHS		1	49.50	0.20	0.10	0.99		
5th Cross Road LHS End Road		1	76.00	0.20	0.10	1.52		
5th Cross Road RHS End Road		1	76.00	0.20	0.10	1.52		
1st Main Road, Damaged Portion		1	190.00	0.20	0.10	3.80		
19th B Cross Road LHS Damaged Portion		1	90.00	0.20	0.10	1.80		
19th B Cross Road RHS Damaged Portion		1	90.00	0.20	0.10	1.80		
Someshwara Nagara				0.20	0.10	0.02		
Main Road LHS		1	91.00	0.20	0.10	1.82		
Main Road RHS		1	91.00	0.20	0.10	1.82		
Beside Temple		1	96.00	0.20	0.10	1.92		
KHB Colony 1st Main Road L shape		1	50.00	0.20	0.10	1.00		
Sub Total						**28.88**		
	Cum							
For Kerb Pcc								
Shivamandira Road								
LHS		1	245.70	0.20	0.10	4.91		
RHS		1	710.00	0.20	0.10	14.20		
Sub Total						**19.11**		
Judicial Layout								
4th Cross Road LHS		1	342.50	0.20	0.10	6.85		
4th Cross Road RHS		1	350.00	0.20	0.10	7.00		
5th Cross Road LHS		1	184.00	0.20	0.10	3.68		
5th Cross Road RHS		1	218.00	0.20	0.10	4.36		
6th Cross Road LHS		1	218.00	0.20	0.10	4.36		
6th Cross Road RHS		1	184.00	0.20	0.10	3.68		
Sub Total						**29.93**		
For Kerb Pcc								
14th Cross Road LHS		1	80.00	0.20	0.10	1.60		
14th Cross Road RHS		1	85.00	0.20	0.10	1.70		
Sub Total						**3.30**		
Basic rate	6096.00							
Area weightage 10%	609.60							
Sub Total	**6705.60**							
Total						**91.40**	**6705.60**	**612885.13**
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)							

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	Nos							
In front of Krishna Oil mill								
		1	80.00			80.00		
RHS Side		1	15.00			15.00		
Sub Total					Nos	**212.00**		
Shivamandira Road								
LHS		1	245.70			245.70		
RHS		1	710.00			710.00		
Sub Total					Nos	**2124.00**		
Kerb								
Mathru Layout								
1st Main Road, Next to D mart LHS		1	90.00			90.00		
1st Main Road, Next to D mart RHS		1	90.00			90.00		
2nd Cross Road RHS		1	17.50			17.50		
2nd Cross Road LHS		1	18.00			18.00		
3rd Cross Road RHS		1	27.00			27.00		
3rd Cross Road LHS		1	27.50			27.50		
4th Cross Road LHS		1	32.00			32.00		
4th Cross Road RHS		1	32.50			32.50		
5th Cross Road LHS		1	36.50			36.50		
5th Cross Road RHS		1	37.00			37.00		
6th Cross Road LHS		1	43.00			43.00		
6th Cross Road RHS		1	43.50			43.50		
7th Cross Road LHS		1	49.00			49.00		
7th Cross Road RHS		1	49.50			49.50		
5th Cross Road LHS End Road		1	76.00			76.00		
5th Cross Road RHS End Road		1	76.00			76.00		
Someshwara Nagara								
Main Road LHS		1	91.00			91.00		
Main Road RHS		1	91.00			100.00		
Beside Temple		1	96.00			100.00		
KHB Colony 1st Main Road L shape		1	50.00			103.20		
Sub Total					Nos	2533.33		
Judicial Layout								
4th Cross Road LHS		1	342.50			342.50		
4th Cross Road RHS		1	350.00			350.00		
5th Cross Road LHS		1	184.00			184.00		
5th Cross Road RHS		1	218.00			218.00		
6th Cross Road LHS		1	218.00			218.00		
6th Cross Road RHS		1	184.00			184.00		
					Nos	**3326.00**		
14th Cross Road LHS		1	77.00			77.00		
14th Cross Road RHS		1	85.00			85.00		
					Nos	**360.00**		
Approved Rate	507.00							
Total						**8555.33**	**507.00**	**4337554.00**
16	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. MORTH Chapter 803 (PWD SR 2021-22 Vol III Pg no 56 Item No 8.10)							
Kerb Painting	**Sqm**							
In front of Krishna Oil mill								
		1	80.00		0.35	28.00		
RHS Side		1	15.00		0.35	5.25		
Sub Total						**33.25**		

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Kerb Painting	**Sqm**							
Shivamandira Road								
LHS		1	245.70		0.35	86.00		
RHS		1	710.00		0.35	248.50		
Sub Total						**334.50**		
Mathru Layout								
1st Main Road, Next to D mart LHS		1	90.00		0.35	31.50		
1st Main Road, Next to D mart RHS		1	90.00		0.35	31.50		
2nd Cross Road RHS		1	17.50		0.35	6.13		
2nd Cross Road LHS		1	18.00		0.35	6.30		
3rd Cross Road RHS		1	27.00		0.35	9.45		
3rd Cross Road LHS		1	27.50		0.35	9.63		
4th Cross Road LHS		1	32.00		0.35	11.20		
4th Cross Road RHS		1	32.50		0.35	11.38		
5th Cross Road LHS		1	36.50		0.35	12.78		
5th Cross Road RHS		1	37.00		0.35	12.95		
6th Cross Road LHS		1	43.00		0.35	15.05		
6th Cross Road RHS		1	43.50		0.35	15.23		
7th Cross Road LHS		1	49.00		0.35	17.15		
7th Cross Road RHS		1	49.50		0.35	17.33		
5th Cross Road LHS End Road		1	76.00		0.35	26.60		
5th Cross Road RHS End Road		1	76.00		0.35	26.60		
1st Main Road, Damaged Portion		1	190.00		0.35	66.50		
19th B Cross Road LHS Damaged Portion		1	90.00		0.35	31.50		
19th B Cross Road RHS Damaged Portion		1	90.00		0.35	31.50		
Someshwara Nagara					0.35	0.35		
Main Road LHS		1	91.00		0.35	31.85		
Main Road RHS		1	91.00		0.35	31.85		
Beside Temple		1	96.00		0.35	33.60		
KHB Colony 1st Main Road L shape		1	50.00		0.35	17.50		
Sub Total						**505.40**		
Kerb Painting	**Sqm**							
Judicial Layout								
4th Cross Road LHS		1	342.50		0.35	119.88		
4th Cross Road RHS		1	350.00		0.35	122.50		
5th Cross Road LHS		1	184.00		0.35	64.40		
5th Cross Road RHS		1	218.00		0.35	76.30		
6th Cross Road LHS		1	218.00		0.35	76.30		
6th Cross Road RHS		1	184.00		0.35	64.40		
Sub Total						**523.78**		
Kerb Painting	**Sqm**							
14th Cross Road LHS		1	77.00		0.35	26.95		
14th Cross Road RHS		1	85.00		0.35	29.75		
Sub Total						**56.70**		
Basic rate	85.00							
Area weightage 10%	8.50							
Sub Total	**93.50**							
Total						**1453.62**	**93.50**	**135913.47**
17	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (PWD SR 21-22 Vol II Pg no 64 Item No 9.31)								
For Cobble Stones	**Cum**							

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	Shivamandira Road								
	LHS		1	245.70	1.00		245.70		
	RHS		1	710.00	1.00		710.00		
	Sub Total						**955.70**		
	Judicial Layout								
	14th Cross Road LHS		1	175.00	1.00		175.00		
	14th Cross Road RHS		1	185.00	1.00		185.00		
	Sub Total						**360.00**		
	Judicial Layout								
	4th Cross Road LHS		1	342.50	1.00		342.50		
	4th Cross Road RHS		1	350.00	1.00		350.00		
	5th Cross Road LHS		1	184.00	1.00		184.00		
	5th Cross Road RHS		1	218.00	1.00		218.00		
	6th Cross Road LHS		1	218.00	1.00		218.00		
	6th Cross Road RHS		1	184.00	1.00		184.00		
	Sub Total						**1496.50**		
	Around Vending Zone								
			1	28.50	1.50		42.75		
	Sub Total						**42.75**		
	Basic rate	1087.00							
	Area weightage 10%	108.70							
	Sub Total	**1195.70**							
	Total						**2854.95**	**1195.70**	**3413663.72**
18	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)								
		Cum							
	Judicial Layout								
	9th B Main Road								
			1	98.00	8.00	0.23	180.32		
	12th Cross Road								
			1	76.00	6.00	0.23	104.88		
	Cross Road to 8th Main Road								
			1	60.00	6.00	0.23	82.80		
	Sub Total						**368.00**		
	Mathru Layout								
	2nd Cross Road		1	18.00	6.80	0.30	36.72		
	3rd Cross Road		1	27.50	6.90	0.30	56.93		
	4th Cross Road		1	32.50	6.00	0.30	58.50		
	5th Cross Road		1	37.00	6.00	0.23	51.06		
	6th Cross Road		1	43.50	6.50	0.23	65.03		
	7th Cross Road		1	49.50	6.60	0.23	75.14		
	5th Cross Road LHS End Road		1	253.00	6.40	0.23	372.42		
	5th Cross Road RHS End Road		1	253.00	6.40	0.23	372.42		
	6th Cross Sharadha Nagara		1	98.00	5.50	0.23	123.97		
	Sub Total						**1212.18**		
	Basic rate	65.00							
	Area weightage 10%	6.50							
	Sub Total	**71.50**							
	Total						**1580.18**	**71.50**	**112982.91**
19	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material) (PWD SR 21-22 Vol III Pg no 19 Item No 4.1 A (v))								
	Judicial Layout	**Cum**							
	9th B Main Road								
			1	98.00	8.00	0.15	117.60		
	12th Cross Road								
			1	76.00	6.00	0.15	68.40		
	Cross Road to 8th Main Road								
			1	60.00	6.00	0.15	54.00		
	Sub Total						**240.00**		
	Mathru Layout								

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	2nd Cross Road		1	18.00	6.80	0.15	18.36		
	3rd Cross Road		1	27.50	6.90	0.15	28.46		
	4th Cross Road		1	32.50	6.00	0.15	29.25		
	5th Cross Road		1	37.00	6.00	0.15	33.30		
	6th Cross Road		1	43.50	6.50	0.15	42.41		
	7th Cross Road		1	49.50	6.60	0.15	49.01		
	5th Cross Road LHS End Road		1	253.00	6.40	0.15	242.88		
	5th Cross Road RHS End Road		1	253.00	6.40	0.15	242.88		
	6th Cross Sharadha Nagara		1	95.00	5.50	0.15	78.38		
	Sub Total						**764.93**		
	JP Colony								
	Damaged Road		1	96.00	3.50	0.15	50.40		
	Sub Total						**50.40**		
	Basic rate	2347.00							
	Area weightage 10%	234.70							
	Sub Total	**2581.70**							
	Total						**1055.33**	**2581.70**	**2724532.55**
20	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406 (PWD SR 21-22 Vol III Pg no 24 Item No 4.27 (A))								
	Judicial Layout	**Cum**							
	9th B Main Road								
			1	98.00	8.00	0.23	180.32		
	12th Cross Road								
			1	76.00	6.00	0.23	104.88		
	Cross Road to 8th Main Road								
			1	50.00	6.00	0.23	69.00		
	Sub Total						354.20		
	Mathru Layout								
	2nd Cross Road		1	18.00	6.80	0.23	27.54		
	3rd Cross Road		1	27.50	6.90	0.23	42.69		
	4th Cross Road		1	32.50	6.00	0.23	43.88		
	6th Cross Road		1	43.50	6.50	0.23	63.62		
	7th Cross Road		1	49.50	6.60	0.23	73.51		
	5th Cross Road LHS End Road		1	253.00	6.40	0.23	364.32		
	5th Cross Road RHS End Road		1	253.00	6.40	0.23	364.32		
	6th Cross Sharadha Nagara		1	95.00	5.50	0.23	117.56		
	Sub Total						**1097.44**		
	Basic rate	2394.00							
	Area weightage 10%	239.40							
	Sub Total	**2633.40**							
	Total						**1451.64**	**2633.40**	**3822742.19**
21	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502 (PWD SR 21-22 Vol III Pg no 29 Item No 5.1 A (i))								
		Sqm							
	Judicial Layout								
	9th B Main Road		1	98.00	8.00		784.00		
	12th Cross Road		1	76.00	6.00		456.00		
	Cross Road to 8th Main Road		1	60.00	6.00		360.00		
	Sub Total						**1600.00**		
	Mathru Layout								
	2nd Cross Road		1	18.00	6.80		122.40		
	3rd Cross Road		1	27.50	6.90		189.75		
	4th Cross Road		1	32.50	6.00		195.00		
	6th Cross Road		1	43.50	6.50		282.75		
	7th Cross Road		1	49.50	6.60		326.70		
	5th Cross Road LHS End Road		1	253.00	6.40		1619.20		
	5th Cross Road RHS End Road		1	253.00	6.40		1619.20		
	6th Cross Sharadha Nagara		1	95.00	5.50		522.50		

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	Sub Total						**4877.50**		
	Basic rate	44.00							
	Area weightage 10%	4.40							
	Sub Total	**48.40**							
	Total						**6477.50**	**48.40**	**313511.00**
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).								
		Sqm							
	Judicial Layout								
	9th B Main Road		1	98.00	8.00		784.00		
	12th Cross Road		1	76.00	6.00		456.00		
	Cross Road to 8th Main Road		1	60.00	6.00		360.00		
	Sub Total						**1600.00**		
	Mathru Layout								
	2nd Cross Road		1	18.00	6.80		122.40		
	3rd Cross Road		1	27.50	6.90		189.75		
	4th Cross Road		1	32.50	6.00		195.00		
	6th Cross Road		1	43.50	6.50		282.75		
	7th Cross Road		1	49.50	6.60		326.70		
	5th Cross Road LHS End Road		1	253.00	6.40		1619.20		
	5th Cross Road RHS End Road		1	253.00	6.40		1619.20		
	6th Cross Sharadha Nagara		1	95.00	5.50		522.50		
	Sub Total						**4877.50**		
	Basic rate	12.00							
	Area weightage 10%	1.20							
	Sub Total	13.20							
	Total						**6477.50**	**13.20**	**85503.00**
23	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (PWD SR 21-22 Vol III Pg no 33 Item No 5.12 (C))								
		Cum							
	Judicial Layout								
	9th B Main Road		1	98.00	8.00	0.05	39.20		
	12th Cross Road		1	76.00	6.00	0.05	22.80		
	Cross Road to 8th Main Road		1	60.00	6.00	0.05	18.00		
	Sub Total						**80.00**		
	Mathru Layout								
	2nd Cross Road		1	18.00	6.80	0.05	6.12		
	3rd Cross Road		1	27.50	6.90	0.05	9.49		
	4th Cross Road		1	32.50	6.00	0.05	9.75		
	6th Cross Road		1	43.50	6.50	0.05	14.14		
	7th Cross Road		1	49.50	6.60	0.05	16.34		
	5th Cross Road LHS End Road		1	253.00	6.40	0.05	80.96		
	5th Cross Road RHS End Road		1	253.00	6.40	0.05	80.96		
	6th Cross Sharadha Nagara		1	95.00	5.50	0.05	26.13		
	Resurfaceing, Camber Correction								
	17th B cross Road		1	80.00	3.50	0.05	14.00		
	Sub Total						**257.88**		
	Basic rate	9889.00							
	Area weightage 10%	988.90							
	Sub Total	**10877.90**							
	Total						**337.88**	**10877.90**	**3675370.46**
24	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (PWD SR 21-22 Vol III Pg no 36 Item No 5.16)								
		Cum							
	Judicial Layout								
	9th B Main Road		1	98.00	8.00	0.04	31.36		
	12th Cross Road		1	76.00	6.00	0.04	18.24		
	Cross Road to 8th Main Road		1	60.00	6.00	0.04	14.40		
	Sub Total						**64.00**		

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	Mathru Layout								
	2nd Cross Road		1	18.00	6.80	0.04	4.90		
	3rd Cross Road		1	27.50	6.90	0.04	7.59		
	4th Cross Road		1	32.50	6.00	0.04	7.80		
	6th Cross Road		1	43.50	6.50	0.04	11.31		
	7th Cross Road		1	49.50	6.60	0.04	13.07		
	5th Cross Road LHS End Road		1	253.00	6.40	0.04	64.77		
	5th Cross Road RHS End Road		1	253.00	6.40	0.04	64.77		
	6th Cross Sharadha Nagara		1	95.00	5.50	0.04	20.90		
	Resurfaceing								
	17th B cross Road		1	80.00	6.00	0.04	19.20		
	Sub Total						**214.30**		
	Basic rate	11531.00							
	Area weightage 10%	1153.10							
	Sub Total	**12684.10**							
	Total						**278.30**	**12684.10**	**3529985.03**
25	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803 (PWD SR 21-22 Vol III Pg no 57 Item No 8.15)								
		Sqm							
	Judicial Layout								
	9th B Main Road		2	98.00	0.10		19.60		
	12th Cross Road		2	76.00	0.10		15.20		
	Cross Road to 8th Main Road		2	60.00	0.10		12.00		
	Sub Total						**46.80**		
	Mathru Layout								
	2nd Cross Road		2	18.00	0.10		3.60		
	3rd Cross Road		2	27.50	0.10		5.50		
	4th Cross Road		2	32.50	0.10		6.50		
	6th Cross Road		2	43.50	0.10		8.70		
	7th Cross Road		2	49.50	0.10		9.90		
	5th Cross Road LHS End Road		2	253.00	0.10		50.60		
	5th Cross Road RHS End Road		2	253.00	0.10		50.60		
	6th Cross Sharadha Nagara		2	95.00	0.10		19.00		
	Resurfaceing, Camber Correction								
	17th B cross Road		2	80.00	0.10		16.00		
	Sub Total						**170.40**		
	Basic rate	478.00							
	Area weightage 10%	47.80							
	Sub Total	**525.80**							
	Total						**217.20**	**525.80**	**114203.76**
26	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)								
	Qty frm Earthwork	**t.Km**		188.78	1.28		241.63		
				2315.67	1.28		2964.06		
				1596.75	1.28		2043.84		
				94.60	1.28		121.09		
				58.80	2.10		123.48		
				2181.95	1.28		2792.90		
				1785.25	1.28		2285.12		
	Total								
	Basic rate	**12.00**					**10572.11**	**105.60**	**1116415.20**
	8 Km 12*8	96.00							
	Area Weightage 10%	9.60							
	Total	**105.60**							

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27	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work. (PWD SR 2021-22 Vol I Pg no 7 Item No 1.8)								
	For Cobble Stones	**Sqm**							
	Vending zone								
			0.5	80.00	15.00	0.45	270.00		
	Deduct RO Plant		-1	5.00	6.00	0.15	-4.50		
	Sub Total						265.50		
	Shivamandira Road								
	LHS		1	245.70	1.00	0.35	86.00		
	RHS		1	710.00	1.00	0.35	248.50		
	Sub Total						334.50		
	For Cobble Stones	**Sqm**							
	Judicial Layout								
	4th Cross Road LHS		1	342.50	1.00	0.35	119.88		
	4th Cross Road RHS		1	350.00	1.00	0.35	122.50		
	5th Cross Road LHS		1	184.00	1.00	0.35	64.40		
	5th Cross Road RHS		1	218.00	1.00	0.35	76.30		
	6th Cross Road LHS		1	218.00	1.00	0.35	76.30		
	6th Cross Road RHS		1	184.00	1.00	0.35	64.40		
	Sub Total						**523.78**		
	Basic rate	402.00							
	Area weightage 10%	40.20							
	Sub Total	**442.20**							
	Total						**1123.77**	**442.20**	**496931.09**
28	Construction of **dry lean cement concrete** Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing. MORTH Specification No. 601(PWD SR 2021-22 Vol -III P.No.43 - I.No.6.1)								
		Cum							
	5th Cross Road		1	37.00	6.00	0.15	33.30		
	Resurfaceing CC Roads								
	9th B Cross Road		1	79.00	5.00	0.15	59.25		
	KHB Colony Near Drain		1	23.10	9.50	0.15	32.92		
	Agarwal Hospital Road		1	90.00	4.50	0.15	60.75		
	Sub Total						**186.22**		
	JP Colony								
	Damaged Road		1	96.00	3.50	0.15	50.40		
	Sub Total						**50.40**		
	Basic rate	4196.00							
	Area weightage 10%	419.60							
	Sub Total	**4615.60**							
	Total						**236.62**	**4615.60**	**1092131.73**
29	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work. (PWD SR 2021-22 Vol -III Pg 138 item no 20.29)								
	New Road	Cum							
	5th Cross Road		1	37.00	6.00	0.15	33.30		
	Resurfaceing CC Roads								
	9th B Cross Road		1	79.00	5.00	0.15	59.25		
	KHB Colony Near Drain		1	23.10	9.50	0.15	32.92		

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	Agarwal Hospital Road		1	90.00	4.50	0.15	60.75		
	Sub Total						**186.22**		
	JP Colony								
	Damaged Road		1	96.00	3.50	0.15	50.40		
	Road Cut Portion		1	11.00	1.00	0.15	1.65		
	Sub Total						**52.05**		
	Basic rate	6837.00							
	Area weightage 10%	683.70							
	Sub Total	**7520.70**							
	Total						238.27	**7520.70**	**1791938.39**
30	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)								
		Sqm							
	Vidhanasowda Gril								
	Coping								
	Behind		1	80.00	1.80		144.00		
	RHS Side		1	15.00	1.80		27.00		
							171.00	9144.00	**1563624.00**
	Data rate	**9144.00**							
31	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. . (PWD SR 21-22 Vol II Pg no 65 Item								item 9.40
	For Cobble Stones	**Cum**							
	Vending zone								
			0.5	80.00	15.00		600.00		
	Deduct RO Plant		-1	5.00	6.00		-30.00		
	Basic rate	1139.00							
	Area weightage 10%	113.90							
	Sub Total	**1252.90**							
	Total						570.00	1252.90	714153.00
				Bore Well					
32	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner orSchlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. **(P.151, I. 4,V-V) BWSSB.SR 2021-22**								
	Basic Rate	5141.0							
	Sub Total		11				**11.00**		
	Total	No's					**11.00**	5141.00	**56551.00**
	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete)(P.151, I. 1,V-V) BWSSB.SR 2021-22								

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	Basic Rate	290.00					550.00	290.00	159500.00
	0 to 50 m		11	50.00					
	Basic Rate	364.00					550.00	364.00	200200.00
	50 to 100 m		11	50.00					
	Basic Rate	387.00					550.00	387.00	212850.00
	100 to 150 m		11	50.00					
33	Basic Rate	449.00					550.00	449.00	246950.00
	150 to 200 m		11	50.00					
	Basic Rate	527.00					550.00	527.00	289850.00
	200 to 250 m		11	50.00					
	Basic Rate	558.00					550.00	558.00	306900.00
	250 to 300 m		11	50.00					
	Basic Rate	620.00					550.00	620.00	341000.00
	300 to 350 m		11	50.00					
	Basic Rate	697.00					550.00	697.00	383350.00
	350 to 400 m		11	50.00					
	Basic Rate	930.00					550.00	930.00	511500.00
	400 to 450 m		11	50.00					
34	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty (P.154, I.No 32,V-V) BWSSB.SR 2021-22								
	Basic Rate	1933					660.00		
		Rmtr	11	60.00					
							660.00	1933.00	1275780.00
35	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) 50 mm (P. No.162, I. No. 33.1 BWSSB SR 2021-22)								
	Basic rate	3050.00							
	Area Weightage 10%	305.00							
	Total	3355.00							
		Each	550				550.00		
							550.00	3355.00	1845250.00
36	PVC pipe - OD 250mm and 6 Kg/sqcm P.34, Sl.No.1175,BWSSB.SR 2021-22								
		1100.00							
		Rmtr							
			11	6.00			66.00		
							66.00	1100.00	72600.00
37	Supplying and drawing 3 core flat PVC sheathed submersiblepump cable manufactured with electrolytic grade copper withflexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powdercoating extruded PVC sheathed suitable for working voltageupto 1100 V as per IS-694:2010. 3C x 6 mm2 P. No. 4/ I No. 2.6.4 KPWD Electrical SR 2021-22								
		242.00							
		Mtr	11	620.00			6820.00		
							6820.00	242.00	1650440.00
38	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of engineer incharge of work. 15.00 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00"(P. No.161, I. No. 18.6, BWSSB SR 2021-22)								
		69258.00							
		Nos	11				11.00		
							11.00	69258.00	761838.00
39	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia. (P. No.164, I. No. 45, BWSSB SR 2021-22)								
		3750.00							
		job	11				11.00		
							11.00	3750.00	41250.00
40	Supply and fixing polished wood board made of not lessthan 15mm thick plank on both sides of not more than 2pieces and fixing the same to the wall using tapered invertedwooden plugs screws. 20" x 20" x 2.5" (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22)								

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		315.00								
		Each	11				11.00			
							11.00	**315.00**	**3465.00**
41	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp (2CX 10Sqm.mm wire armoured) confirming IS 3975;1990(no.of strip indicated i GTP) AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.A.4 Core 16Sqmm.P No.40/ I No.6.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2019-20									
		Mtr	11	30.00			330.00			
							330.00	**150.00**	**49500.00**
42	Labour charges for laying of 1.1 K.V class UG cable, in existing trench GI Pipe / stoneware pipe /on wall/on poles as required In existing trencg/duct 6 Sqmm to 16 Sqmm)P No. 41 / I No. 6.5.1 KPWD Electrical SR 2019-20									
		Mtr	11	30.00			330.00			
							330.00	**11.88**	**3920.40**
43	Supplying & fixing of Porcelain fuse channel with cut out onexisting wooden/panel using necessary nuts, bolts andwashers. 63 A (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22)									
		372.00								
		Each	11				11.00			
							11.00	**372.00**	**4092.00**
44	Supplying & fixing miniature circuit breakers on existingMCB distribution boards using necessary fixing materialsand 'C' Type curve, indicator ON/OFF, energy cross-3 withShort circuit breaking capacity of 10K and complete wiring asrequired confirming to IEC 60898. 50-63 A TPN (P No. 13 I.No.5.17.9,Part-I Electrical SR 2021-22)									
		2399.00								
		Each	11				11.00			
							11.00	**2399.00**	**26389.00**
45	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)									
	Basic Rate	186.00								
	Loading And Unloading	118.00								
	Sub Total	304.00								
	Area Weightage 10%	30.40								
	Total Rate	**334.40**								
	Pipeline	Cum	1	25.00	0.75	0.60	11.25			
	Pipeline	Cum	10	336.00	0.75	0.60	1512.00			
							1523.25	**334.40**	**509374.80**
46	Supplying and filling in plinth with sand under floors, foundation of Bridges including watering, ramming, consolidating and dressing complete. (P.No-7,I No-1.11,V-I of PWD SR 2021-22)									
	Basic rate	2177.00								
	Area Weightage 10%	217.7								
	Total	**2394.70**								
		Cum	1	25.00	0.30	0.30	2.25			
		Cum	10	336.00	0.30	0.30	302.40			
							304.65	**2394.70**	**729545.36**
47	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc.63mm outer dia, 6kg/sqcm & class 3 for:(P. No.134 I No 1.4 BWSSB SR 2021-22)									
		153.00								
		Mtr	1	25.00			25.00			
		Mtr	10	336.00			3360.00			
							3385.00	**153.00**	**517905.00**
48	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications P. No. 7, I No. 1.10,V-I PWD SR 2021-22									
	Basic rate	122.00								
	Area Weightage 10%	12.2								

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	Total	134.20								
		Cum	1	25.00	0.75	0.40	7.50			
		Cum	10	336.00	0.75	0.40	1008.00			
							1015.50	**134.20**	**136280.10**
49	Supplying fully automatic star-delta starter unit push buttontype with suitable wires, 3 contactors, one adjustablethermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixingto the existing wooden board for motor. Above 12.5 HP upto 25 HP (P No. 10 I.No.5.2.2,Part-I Electrical SR 2021-22)									
		8640.00								
		Nos	11				11.00			
							11.00	**8640.00**	**95040.00**
50	BESCOM Deposit Charges									
		14000.00								
	Sub Total	Nos	1				1.00			
		14000.00								
	Sub Total	Nos	15				15.00			
	Total						**16.00**	**14000.00**	**224000.00**
					RO Plant					
51	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. (SR, 2021-22 Vol-1, SI No 1.6, , P No: 32)									
	Basic Rate		470.00							
	Area Weightage 10%		47.00							
	Total		517.00							
	Ward no3 - 3 Nos									
	Ward No4 - 2 Nos									
	Total- 5 Nos									
	For Columns (5*3=15)	15	4	1.20	1.20	0.70	60.48			
	Long walls (5*3=15)	15	2	6.50	0.80	0.70	109.20			
	Short walls (5*3=15)	15	2	2.33	0.80	0.70	39.14			
						Cum	208.82	**517.00**	**107962.01**	
52	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately -Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates -Ground Floor (SR, 2021-22 Vol-1, SI No 2.1.4 , P No: 15)									
	Basic Rate		5926.00							
	Area Weightage 10%		592.60							
	Total		6518.60							
	Ward no3 - 3 Nos									
	Ward No4 - 2 Nos									
	Total- 5 Nos									
	For Columns	5	4	1.20	1.20	0.10	2.88			
	Long walls	5	2	6.50	0.80	0.10	5.20			
	Short walls	5	2	2.33	0.80	0.10	1.86			
	Flooring	5	1	5.17	2.65	0.10	6.85			
						Cum	**16.79**	**6518.60**	**109475.00**	
53	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates For Footing & Plinth Beam (SR, 2021-22 Vol-1, SI No 2.3.2 , P No: 16)									
	Basic Rate		6288.00							
	Add 8% For Shuttering		503.04							
	Area Weightage 10%		679.10							
	Total		7470.14							

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	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	For Footing	5	4	1.20	1.20	0.20	5.76		
	Plinth Beam	5	2	5.50	0.23	0.20	2.53		
						Cum	8.53	7470.14	63748.71
54	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates For Column (SR, 2021-22 Vol-1, SI No 2.3.2 , P No: 16)								
	Basic Rate		6288.00						
	Add 10% For Shuttering		628.80						
	Area Weightage 10%		691.68						
	Total		7608.48						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	For column	5	4	0.23	0.30	5.60	7.73		
						Cum	7.73	7608.48	58798.33
55	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates For Lintel, Roof Beam and Slab (SR, 2021-22 Vol-1, SI No 2.3.2 , P No: 16)								
	Basic Rate		6288.00						
	Add 20% For Shuttering		1257.60						
	Area Weightage 10%		754.56						
	Total		8300.16						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Roof Beam	5	2	5.50	0.23	0.20	2.53		
		5	2	4.06	0.30	0.20	2.44		
	For slab	5	1	5.50	4.06	0.15	16.75		
	For lintel	5	2	5.50	0.20	0.10	1.10		
		5	2	2.65	0.20	0.10	0.53		
						Cum	23.34	8300.16	193755.00
56	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	Basic Rate		103329.00						
	Area Weightage 10%		10332.90						
	Total		113661.90						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
			Nos	Qty	Kg/cum	Kgs			
	For footings @ 50 Kg/ Cum	5	1	5.76	50	1440			
	For Columns @ 80 Kg/ Cum	5	1	0.00	80	0			
	For Beams @ 80 Kg/ Cum	5	1	3.11	80	1244			
	For slabs @ 90 Kg/ Cum	5	1	4.91	90	2209.5			
	For Lintel @ 45 Kg/ Cum	5	1	0.63	45	141.75			
						5035.25			
						Ton	5.04	113661.90	572316.08

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57	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications (SR, 2021-22 Vol-2, SI No 6.32 , P No: 17)								
	Basic Rate		1202.00						
	Area Weightage 10%		120.20						
	Total		1322.2						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	L.W	5	1	6.86		3.60	123.48		
		5	1	6.86		3.90	133.77		
	S.W	5	1	3.00		3.60	54.00		
		5	1	3.00		3.90	58.50		
	Deduction								
	RS	5	-1	2.60		2.50	-32.50		
	W	5	-1	1.20		1.20	-7.20		
						Sqm	**330.05**	**1322.20**	**436392.11**
58	Providing 12 mm cement plaster with Cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge -Ground Floor (SR, 2021-22 Vol-2, SI No 8.6.1 , P No:42)								
	Basic Rate		282.00						
	Area Weightage 10%		28.20						
	Total		310.2						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Inside Plastering								
	For ceiling	5	1	5.10	2.65		67.58		
	L.W	5	1	5.10		3.60	91.80		
		5	1	5.10		3.90	99.45		
	S.W	5	1	2.65		3.60	47.70		
		5	1	2.65		3.90	51.68		
	Deduction						0.00		
	RS	5	-1	2.60		2.50	-32.50		
	W	5	-1	1.20		1.20	-7.20		
						Sqm	**318.50**	**310.20**	**98799.00**
59	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster with cement mortar 1:6 (1 cement : 6 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(SR, 2021-22 Vol-2, SI No 8.8 , P No:42)								
	Basic Rate		313.00						
	Area Weightage 10%		31.30						
	Total		344.3						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	External Plastering								
	LW	5	1	5.50		3.60	99.00		
		5	1	5.50		3.90	107.25		
	SW	5	1	3.05		3.60	54.90		
		5	1	3.05		3.90	59.48		
	Steps								
	Tread	5	1	0.30		4.20	6.30		
	Rise	5	1	0.15		4.20	3.15		
	Deduction								
	RS	5	-1	2.60		2.50	-32.50		
	W	5	-1	1.20		1.20	-7.20		
						Sqm	**290.38**	**344.30**	**99976.11**

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60	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm.(SR, 2021-22 Vol-2, SI No 9.17.1 , P No:61)								
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Basic Rate		1036.00						
	Area Weightage 10%		103.60						
	Total		1139.6						
	Flooring								
		5	1	5.10	2.65		67.58		
						Sqm	**67.58**	**1285.20**	**86847.39**
61	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (SR, 2021-22 Vol-2, SI No 9.39 , P No:65)								
	Basic Rate		2075.00						
	Area Weightage 10%		207.50						
	Total		2282.5						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Dadoing								
		5	2	5.10		0.30	15.3		
		5	2	2.65		0.30	7.95		
	Deduction	5	-1	2.60		0.30	-3.9		
						Sqm	**19.35**	**2282.5**	**44166.38**
62	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (SR, 2021-22 Vol-2, SI No 11.61, P No:76) 11.6.1								
	Basic Rate		2510.00						
	Area Weightage 10%		251.00						
	Total		2761						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Rolling Shutter	5	1	2.60	2.10		27.30		
						Sqm	**27.30**	**2761.00**	**75375.30**
63	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (SR, 2021-22 Vol-2, SI No 8.25 , P No:45)								
	Basic Rate		105.00						
	Area Weightage 10%		10.50						
	Total		115.50						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Qty Same as Internal Plastering						318.50		
						Sqm	**318.50**	**115.50**	**36787.00**

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	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. ~~(SR, 2021-22 Vol-2, Sl No 8.30 , P No:46)~~ SR-18-19 PWD, P-120, It No-15.53.1								
64	Basic Rate		89.00						
	Area Weightage 8%		7.12						
	Total		96.12						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	Qty Same as External Plastering						290.38		
						Sqm	290.38	96.12	27911.00
	KSRB 7.9: Providing and fixing M.S Grill work for windows and ventilators using M.S flats or M.S fsquare rods or combination of M.S flat and square rods as per approved deisgn, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materail, fixtures, labour and HOM of machinery complete as per specification. Specification No:KBS 7.12 (P.No:34 Items No:7.9 of PWD SR 2018-19)								
65	Basic Rate		95.00						
	Area Weightage 8%		7.60						
	Total		102.60						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
	W	5	1	1.00		1.00	5.00		
							105.00		
						kgs	105.00	102.60	10773.00
	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32mm nominal OD pipes PWD SR 2018-19 It No.13.77 Pg. No.96								
66	Basic Rate		129.00						
	Area Weightage 8%		10.32						
	Total		139.32						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
		5	1	36.00			180.00		
						Rmt	180.00	139.32	25077.60
	DESIGN, SUPPLY, INSTALLATION, COMMISIONNING OF RO PLANT 2000LTR PER HOUR CAPACITY WITH SOFTNER(1NOS)								
	RO PLANT-2000LPH WITH COIN BOOTH								

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67	1.Raw Water pump Qty officer-one number type Mon Block centrifugal operation flow rate -4M3hr operation pressure.4.0kg/cm2 type of drive- phase squirred cage induction motor make- CRI/TEXmo 2.Multigrated sand filter (MSF) Qty offere-one number Type -Top and bottom flow size-15"x65" operation floe rate-4M3/hr Operation pressure-4.0kg/cm2 Type of Modia-Dual-Sand and anthracite Supporting media-Gravels and Silex MOC of shell-FRP Make PARTNER/Aventura 3.Activated Carbon filter (ACF)Qty Offere -one Number Type Top and bottom flow size 16"x65" operation flow rate-4M3/hr operation pressure-3.5kg/cm2 type of Media Activated carbon flakes Type of resin-150kgs MOC of shell-FRP make -PARTNER/Aventura JODINE VALUE-500value 4.Micro Cartridge Filter Nos 5.Antiscalent Dosing UntilQty Offere -one number 6.Multistage Centrifugal pumo high pressure pump Qty Offe-one nos Type-Multistage Centrifugal Operation flow rate-4M3/hr operation pressure-10 to 15kg/cm2 material of construction -SS 316 Make pump-Cri/Kirloskar/unique Type of drive motor-three phase,squired cage indicator KWRPM-2.75/2000(Approx) Make of motor crl/kirloskar 7.R.O Membrane skid consists of (SS 304) a.R.O Membrane b.pressure tubes number of streams offered one type of membrane-spiral wound TFC brackish water membrane-imported make HYDRONTICS/OE marlin 8040 operating pressure -10 to 15kg/cm2 material of construction polumade thin film composite material of housing-FRP 8.Mineral Dosing system (product water storage tank) Qty Required no-s material of construction-SS 304 Capacity-1000Ltrs 9.Micron Cartridge module 2/1/0.5 Micron nos of cartridges-two nos type disposable Cartridge operating flow rate-3.00kg/cm2 microne Rating-2/1/0.5Micron MOC OF HOUSING Fiber MOC of cartridge-polypropylene 10.System control pane 11.RO Reject Line 12.1000 ltrs SS storage tank 304 food grade13.coin both with optional coin 14.Control panel consist og 15.a.Flow Meters 16.B.Pressure monitors 17.c.Online conductivity/ph meter 18.d.Sampling tap 19.e. Operation switches 20.Basis of design 21.Raw water characteristics 22.PH -6 to 8 23.Total suspended solids-nil 24.Total dissolved solids-2000 25.Iron AS Fe<1 26. Total Hardness as Caco3-1000 27.Total Alkalinity as CaCo3-250 28.Total Alkalinity as Caco3-250 28.Alkalinity as CaCo3-nil. 29.Chloride as CaCo3-<200. 30.Fluoride-<1 31.Sulphate as CaCo3-25. 32.Total silica as CaCo3-<50 33.Sodium as Na-<50. Data Rate								
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos		5				5.00		
						Each	5.00	10,50,000.00	52,50,000.00
	ELECTRICAL WORKS								
	Open Conduit System								
68	supplying heavy gauge pvc conduit pipe... dia confirming to IS 2509 with suitable size benda. Junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering dameged portion using havey gauge saddles at an intereval of 70mm using NF screws **(ELE SR 2019-20 Page-2, Item-1.1.2)**								
	25mm dia 2mm thick Concealed Conduit System	5	28			mtr	140	65.00	9100.00
69	Suppling... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc..., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.**(ELE SR 2019-20 Page-2, Item-1.2.2)**								
	25mm dia 2mm thick	5	28			mtr	140.00	53.00	7420.00
70	Groove cutting in the wall suppling.. Dia 2mm/2.5mm thick heavy gauge PVC Conduit pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.**(ELE SR 2019-20 Page-2, Item-1.3.2)**								
	25mm dia 2mm thick	5	23			mtr	115.00	54.00	6210.00
71	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.,.**(ELE SR 2019-20 Page-2, Item-1.4.5)**								
	200x90x65mm	5	3			Each	15.00	111.00	1665.00
72	supplying and fixing PVC/ Metal conduit accessories. (3/5) **(ELE SR 2019-20 Page-2, Item-1.5.3)**								
	a)32mm deep junction box	5	1			Each	5.00	60.00	300.00
73	Suppling and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complet. **(ELE SR 2019-20 Page-2, Item-1.6.1)**								
	12"x12"x3"(330x300x76mm	5	10			mtr	50.00	102.00	5100.00
74	Suppling and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outher end of the wires shall be terminated with sufficient loose lenght in a wood / PVC round block. compelete for each outlet. **(ELE SR 2019-20 Page-5, Item-2.1.2)**								

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	Medium point above 3Mtr up to 6 mtr from tapping point to out let via switch					Each	60	275.00	16500.00
75	Suppling and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos, of machines screws, bolts nuts etc., complete on the existing metal/PVC box,ELE SR 2019-20 Page-9, Item-3.5.3)								
	Group-A								
	Moudule	5	5			No	25	175.00	4375.00
76	Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. ELE SR 2019-20 Page-10, Item-3.7)								
	Group 'A'	5	2			Each	10	680.00	6800.00
77	Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor singal core cable in open or concealed system of wiring.ELE SR 2019-20 Page-5, Item-2.3.2)								
	1. Group-A								
	a)1.5sqmm		15	86		mtr	1290	20.50	26445.00
78	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm... Etc as required. ELE SR 2019-20 Page-3, Item-1.8.1)								
	20mm	5	15			Each	75.00	22.00	1650.00
79	Supplying PVC/GI Flexible conduit pipe.. Mm dia fixing on surface over inverted wooden pugs or phill plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pie terminated completely. ELE SR 2019-20 Page-3, Item-1.9.1)								
	20mm	5	16			Each	80.00	22.00	1760.00
80	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.. ELE SR 2019-20 Page-10, Item-3.10.2)								
	110mm	5	16			Each	80.00	11.00	880.00
81	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19)								
	Basic Rate		235.00						
	Area Weightage 8%		18.80						
	Total		253.8						
	Ward no3 - 3 Nos								
	Ward No4 - 2 Nos								
	Total- 5 Nos								
		Rmt	5	25			125	253.80	31725.00
	School Building								
82	Earth work excavation for Foundation by mechanical means for all works & depth upto 1.5 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.(Page no-10,Vol-1, Item No-1.17.1 of PWD SR 2021-22.).								
		Cum							
	For Footings								
	i.e = 0.6 + 1.2+0.6 = 2.4 Mts	1	17	2.40	2.40	1.50	146.88		
	For SSM								
	Long Wall	1	2	3.50	0.45	0.90	2.84		
	Long Wall	1	1	3.50	0.45	0.90	1.42		
	--do-- Staircase Back wall	1	1	1.18	0.45	0.90	0.48		
	Short Wall	1	3	3.00	0.45	0.90	3.65		
	--do--	1	2	2.65	0.45	0.90	2.15		
	--do-- Staircase Side wall	1	1	2.75	0.45	0.90	1.11		
	For Staircase Footing	1	1	1.10	0.60	0.90	0.59		
	For Sump Tank	1	1	3.76	3.16	2.25	26.73		

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						Total qty	185.84	213.40	39658.52
	Basic Rate			194.00					
	AW-10%			19.40					
	Total			213.40					
83	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (Page no-9,Vol-2, Item No-5.4 of PWD SR 2021-22.).								
	Size Stone masonry	Cum							
	Long Wall	1	2	11.90	0.45	0.80	8.57		
	Long Wall	1	1	15.30	0.45	0.80	5.51		
	Deduct Column	-1	6	0.45	0.20	0.80	-0.43		
	–do– Staircase Back wall	1	1	2.28	0.45	0.80	0.82		
	Deduct Column	-1	1	0.45	0.20	0.80	-0.07		
	Short Wall	1	3	6.25	0.45	0.80	6.75		
	–do–	1	2	4.60	0.45	0.80	3.31		
	–do– Staircase Side wall	1	1	3.85	0.45	0.80	1.39		
						Total qty	25.84	5964.20	154108.96
	Basic Rate			5422.00					
	AW-10%			542.20					
	Total			5964.20					
84	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (Page no-15, Item No-2.2.2.1 of PWD SR 2021-22). Vol 1								
	Column Footing	Cum							
	Footing	1	17	1.2	1.2	0.6	14.69		
	Column up to Plinth Beam lvl								
	Columns	1	17	0.45	0.2	0.8	1.22		
	Plinth Beam								
	Long Wall	1	2	12.90	0.20	0.30	1.55		
	Long Wall	1	1	15.30	0.20	0.30	0.92		
	–do– Staircase Back wall	1	1	2.40	0.20	0.30	0.14		
	Short Wall	1	3	7.00	0.20	0.30	1.26		
	–do–	1	2	5.10	0.20	0.30	0.61		
	–do– Staircase Side wall	1	1	4.35	0.20	0.30	0.26		
	Sump								
	For Sump Tank Bottom Slab	1	1	3.76	3.16	0.15	1.78		
	for Walls	1	2	3.46	0.23	1.80	2.86		
	–do–	1	2	2.40	0.23	1.80	1.99		
	For Sump Tank Top Slab	1	1	3.76	3.16	0.20	2.38		
						Total qty	29.67	7259.18	215348.07
	Basic Rate			6285.00					
	Add Shuttering 5%			314.25					
	AW-10%			659.93					
	Total			7259.18					
85	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (Page no-15,Vol-1, Item No-2.1.4 of PWD SR 2021-22.).								
	PCC Plinth Lvl	Cum							
	Room	1	2	6.00	5.1	0.1	6.12		
	Verandah	1	1	12.30	1.8	0.1	2.21		
	Staircase Area	1	1	2.15	4.2	0.1	0.90		
						Total qty	9.24	6518.60	60212.31
	Basic Rate			5926.00					
	AW-10%			592.60					
	Total			6518.60					

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Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (~~Page no-1,Vol~~-17, Item No-2.5.2 of PWD SR 2021-22).-Ground Floor Columns

86	**Ground Floor Coumns**	Cum							
	Columns Up to ground Beam Lvl	1	17	0.45	0.2	2.85	4.36		
						Total qty	**4.36**	7855.32	34253.12
	Basic Rate			6492.00					
	Add Shuttering 10%			649.20					
	AW-10%			714.12					
	Total			7855.32					

Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-1,Vol-17, Item No-2.5.2 of PWD SR 2021-22).-Ground Floor Beams and Slab

	Ground Floor	Cum							
	Long Beam	1	2	12.90	0.20	0.300	1.55		
	Long Beam	1	1	15.30	0.20	0.300	0.92		
	--do-- Staircase Back beam	1	1	2.40	0.20	0.300	0.14		
	Short Beam	1	3	7.00	0.20	0.300	1.26		
	--do--	1	2	5.10	0.20	0.300	0.61		
	--do-- Staircase Side Beam	1	1	4.35	0.20	0.300	0.26		
	RCC Roof Slab	1	1	12.90	7.6	0.15	14.71		
	Staircase	1	1	2.40	4.75	0.15	1.71		
87	Rise & treads	0.5	22	1.10	0.3	0.15	0.54		
	Lintel								
	Long Wall	1	2	11.90	0.2	0.15	0.71		
	--do--	1	1	12.60	0.2	0.15	0.38		
	--do-- Staircase Back wall	1	1	1.95	0.2	0.15	0.06		
	Toilet Walls	1	2	1.80	0.2	0.15	0.11		
	Short Wall	1	1	6.50	0.2	0.15	0.20		
	--do--	1	2	4.60	0.2	0.15	0.28		
	--do-- Staircase side wall	1	1	4.35	0.2	0.15	0.13		
	--do-- Toilet wall	1	1	5.10	0.2	0.15	0.15		
	Chajja								
	for W	1	3	2.10	0.45	0.08	0.21		
	For V	1	1	1.20	0.45	0.08	0.04		
	--do--	1	1	4.70	0.45	0.08	0.16		
						Total qty	**24.13**	8569.44	206765.59
	Basic Rate			6492.00					
	Add Shuttering 20%			1298.40					
	AW-10%			779.04					
	Total			8569.44					

Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-1,Vol-17, Item No-2.5.2 of PWD SR 2021-22).- First Floor Columns

88	**First Floor Coumns**	Cum							
	Columns Up to ground Beam Lvl	1	17	0.45	0.2	2.85	4.36		
						Total qty	**4.36**	7933.87	34595.65
	Basic Rate			6492.00					

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	Add Shuttering 10% Columns			649.20					
	Lift Charges-1% per floor			71.41					
	AW-10%			721.26					
	Total			7933.87					
89	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-1,Vol-17, Item No-2.5.2 of PWD SR 2021-22).- First Floor Beams and Slab								
	First Floor	Cum							
	Long Beam	1	2	12.90	0.20	0.300	1.55		
	Long Beam	1	1	15.30	0.20	0.300	0.92		
	--do-- Staircase Back beam	1	1	2.40	0.20	0.300	0.14		
	Short Beam	1	3	7.00	0.20	0.300	1.26		
	--do--	1	2	5.10	0.20	0.300	0.61		
	--do-- Staircase Side Beam	1	1	4.35	0.20	0.300	0.26		
	RCC Roof Slab	1	1	12.90	7.6	0.15	14.71		
	Staircase	1	1	2.40	4.75	0.15	1.71		
	Rise & treads	0.5	22	1.10	0.3	0.15	0.54		
	Lintel								
	Long Wall	1	2	11.90	0.2	0.15	0.71		
	=do--	1	1	12.60	0.2	0.15	0.38		
	--do-- Staircase Back wall	1	1	1.95	0.2	0.15	0.06		
	Short Wall	1	2	6.50	0.2	0.15	0.39		
	=do--	1	1	4.60	0.2	0.15	0.14		
	--do-- Staircase side wall	1	1	4.35	0.2	0.15	0.13		
	Chajja								
	for W	1	6	2.10	0.45	0.08	0.43		
						Total qty	**23.94**	8655.13	207184.44
	Basic Rate			6492.00					
	Add Shuttering 20% Beams and Slab			1298.40					
	Lift Charges-1% per floor			77.90					
	AW-10%			786.83					
	Total			8655.13					
90	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-1,Vol-17, Item No-2.5.2 of PWD SR 2021-22).- Terrace Floor								
		Cum							
	Columns	1	4	0.45	0.2	2.85	1.03		
						Total qty	**1.03**	8012.43	8220.75
	Basic Rate			6492.00					
	Add Shuttering 10% Columns			649.20					
	Lift Charges-1% per floor			142.82					
	AW-10%			728.40					
	Total			8012.43					
91	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (Page no-1,Vol-17, Item No-2.5.2 of PWD SR 2021-22).- Terrace Floor								
		Cum							
	Beam Staircase Head room								
	Long Beam	1	2	2.60	0.2	0.3	0.31		
	Short Beam	1	2	4.35	0.2	0.3	0.52		
	Slab	1	1	2.60	4.75	0.15	1.85		
						Total qty	**2.69**	8740.83	23482.24
	Basic Rate			6492.00					

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	Add Shuttering 20% Beams and			1298.40					
	Lift Charges-1% per floor			155.81					
	AW-10%			794.62					
	Total			8740.83					
92	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR 2021-22)-**Ground Floor**								
	Block Work-Ground Floor	Sqm							
	Long Wall	1	2	11.90		2.85	67.83		
	--do--	1	1	12.60		2.85	35.91		
	--do-- Staircase Back wall	1	1	1.95		2.85	5.56		
	Toilet Walls	1	2	1.80		3.15	11.34		
	Short Wall	1	1	6.50		2.85	18.53		
	--do--	1	2	4.60		2.85	26.22		
	--do-- Staircase side wall	1	1	4.35		2.85	12.40		
	--do-- Toilet wall	1	1	5.10		3.15	16.07		
	Deduct Openings								
	CG	-1	1	1.80		2.40	-4.32		
	D	-1	2	1.05		2.10	-4.41		
	D1	-1	3	0.75		2.10	-4.73		
	W	-1	4	1.80		1.50	-10.80		
	V	-1	4	0.90		0.60	-2.16		
	Deduct Lintel								
	Long Wall	-1	2	11.90		0.15	-3.57		
	--do--	-1	1	12.60		0.15	-1.89		
	--do-- Staircase Back wall	-1	1	1.95		0.15	-0.29		
	Toilet Walls	-1	2	1.80		0.15	-0.54		
	Short Wall	-1	1	6.50		0.15	-0.98		
	--do--	-1	2	4.60		0.15	-1.38		
	--do-- Staircase side wall	-1	1	4.35		0.15	-0.65		
	--do-- Toilet wall	-1	1	5.10		0.15	-0.77		
						Total qty	**157.37**	1322.20	208068.00
	Basic Rate			1202.00					
	AW-10%			120.20					
	Total			1322.20					
93	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR 2021-22)-**First Floor**								
	Block Work-First Floor	Sqm							
	Long Wall	1	2	11.90		2.85	67.83		
	--do--	1	1	12.60		2.85	35.91		
	--do-- Staircase Back wall	1	1	1.95		2.85	5.56		
	Short Wall	1	2	6.50		2.85	37.05		
	--do--	1	1	4.60		2.85	13.11		
	--do-- Staircase side wall	1	1	4.35		2.85	12.40		
	Deduct Openings								
	CG	-1	1	1.80		2.40	-4.32		
	D	-1	2	1.05		2.10	-4.41		
	D1	-1	3	0.75		2.10	-4.73		
	W	-1	4	1.80		1.50	-10.80		
	V	-1	4	0.90		0.60	-2.16		
	Deduct Lintel								
	Long Wall	-1	2	11.90		0.15	-3.57		
	--do--	-1	1	12.60		0.15	-1.89		
	--do-- Staircase Back wall	-1	1	1.95		0.15	-0.29		
	Short Wall	-1	2	6.50		0.15	-1.95		
	--do--	-1	1	4.60		0.15	-0.69		
	--do-- Staircase side wall	-1	1	4.35		0.15	-0.65		
						Total qty	**136.40**	1334.22	181980.94
	Basic Rate			1202.00					
	AW-10%			120.20					
	Lift Charges-1% per floor			12.02					

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	Total			1334.22					
94	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Vol-2, Item No-6.32 of PWD SR 2021-22)-Terrace Floor								
	Block Work-Terrace Floor	Sqm							
	Parapet wall								
	Long Wall	1	2	12.90		0.9	23.22		
	Short Wall	1	1	7.20		0.9	6.48		
	--do--	1	1	2.85		0.9	2.57		
	Staircase head room								
	Short wall	1	2	4.35		2.85	24.80		
	--do--	1	1	4.10		2.85	11.69		
	Deduct CG	-1	1	1.80		2.4	-4.32		
	Long Wall	1	2	1.95		2.85	11.12		
						Total qty	75.54	1346.24	101694.97
	Basic Rate			1202.00					
	AW-10%			120.20					
	Lift Charges-1% per floor			24.04					
	Total			1346.24					
95	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (Item No8.2.1,Vol-2, Page no 41 of PWD SR 2021-22)								
	Rough Plastering	**Sqm**							
	Ground Floor								
	Verandah	1	1	12.60		2.85	35.91		
	--do--	1	1	12.60		2.3	28.98		
	Deduction								
	D	-2	1	1.05		2.1	-4.41		
	W	-1	1	1.80		1.5	-2.70		
	D1	-1	1	0.75		2.1	-1.58		
	Toilet Male/Femal	2	1	6.60		2.1	27.72		
	Urinals Passage	1	1	6.40		2.1	13.44		
	D1	-1	3	0.75		2.1	-4.73		
	Verandah	-1	3	0.90		0.6	-1.62		
						Total qty	91.02	278.30	25330.87
	Basic Rate			253.00					
	AW-10%			25.30					
	Total			278.30					
96	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (Item No8.2.1,Vol-2, Page no 41 of PWD SR 2021-22)								
	Rough Plastering	**Sqm**							
	First Floor								
	Verandah	1	1	12.60		2.85	35.91		
	--do--	1	1	12.60		2.3	28.98		
	Side wall	1	2	1.80		2.85	10.26		
	Deduction								
	D	-2	1	1.05		2.1	-4.41		
	W	-1	1	1.80		1.5	-2.70		
	D1	-1	1	0.75		2.1	-1.58		
	CG	-1	1	1.80		2.4	-4.32		
						Total qty	92.15	280.83	25877.08
	Basic Rate			253.00					
	AW-10%			25.30					
	Lift Charges-1% per floor			2.53					
	Total			280.83					
	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge(Item No.8.1.1,Vol-2, Page no 41 of PWD SR 2021-22)								
	Ground Floor	Sqm							
	Internal plastering								
	Meeting Hall								

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	Wall	1	1	24.20		3.15	76.23		
	Ceiling	1	1	7.00	5.10		35.70		
	Office								
	Wall	1	1	15.90		3.15	50.09		
	Ceiling	1	1	2.85	5.10		14.54		
	Deduct								
97	D	-2	0.5	1.05		2.10	-2.21		
	D1	-1	0.5	0.75		2.10	-0.79		
	W	-4	0.5	1.80		1.50	-5.40		
	Verandah wall	1	1	12.60		0.3	3.78		
	Ceiling	1	1	12.60	1.8		22.68		
	Toilet Male/Femal Wall	2	1	6.60		1.05	13.86		
	Ceiling	2	1	1.80	1.5		5.40		
	Urinals Passage	1	1	7.00		1.05	7.35		
	Ceiling	1	1	1.80	1.70		3.06		
	Staircase wall	1	2	12.70		3.15	80.01		
	Ceiling	1	1	2.15	4.20		9.03		
						Total qty	**313.33**	239.80	75135.93
	Basic Rate			218.00					
	AW-10%			21.80					
	Total			239.80					

Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge(Item No.8.1.1,Vol-2, Page no 41 of PWD SR 2021-22)

	First Floor	Sqm							
	Internal plastering								
	Room-1								
	Wall	1	1	22.20		3.15	69.93		
	Ceiling	1	1	6.00	5.10		30.60		
	Room-2								
	Wall	1	1	22.20		3.15	69.93		
	Ceiling	1	1	6.00	5.10		30.60		
98	**Deduct**								
	D	-2	0.5	1.05		2.10	-2.21		
	W	-6	0.5	1.80		1.50	-8.10		
	CG	-1	1.0	1.80		2.40	-4.32		
	Verandah wall	1	1	12.60		0.3	3.78		
	Side Walls	1	2	1.80		3.15	11.34		
	Ceiling	1	1	12.60	1.8		22.68		
	Staircase wall	1	2	12.70		3.15	80.01		
	Ceiling	1	1	2.15	4.20		9.03		
						Total qty	**313.28**	241.98	75806.28
	Basic Rate			218.00					
	AW-10%			21.80					
	Lift Charges-1% per floor			2.18					
	Total			241.98					

Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge(Item No.8.1.1,Vol-2, Page no 41 of PWD SR 2021-22)

	Terrace Floor	Sqm							
	Internal plastering								
	Staircase Head room								
99	Wall	1	2	13.10		3.15	82.53		
	Ceiling	1	1	2.20	4.35		9.57		
	Deduct CG	-1	1	1.80	2.40		-4.32		
						Total qty	**87.78**	244.16	21432.36
	Basic Rate			218.00					
	AW-10%			21.80					
	Lift Charges-1% per floor			4.36					
	Total			244.16					

Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge- **Ground Floor** Vol-2, 8.6.2 P-42

	External plastering	Sqm							
	Ground Floor								
	Back side ling wall	1	1	15.30		3.30	50.49		

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100	Front Wall	1	1	15.30		2.60	39.78		
	Side Walls	1	2	7.60		3.30	50.16		
	Deduct W	-1	3	1.80		1.50	-8.10		
	V	-1	4	0.90		0.60	-2.16		
	CG	-1	1	1.80		2.40	-4.32		
						Total qty	125.85	418.00	52605.30
	Basic Rate			380.00					
	AW-10%			38.00					
	Total			418.00					
101	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge- **First Floor**								
	First Floor	Sqm							
	Back side ling wall	1	1	15.30		3.30	50.49		
	Front Wall	1	1	15.30		2.60	39.78		
	Side Walls	1	2	7.60		3.30	50.16		
	Deduct W	-1	4	1.80		1.50	-10.80		
						Total qty	129.63	421.80	54677.93
	Basic Rate			380.00					
	AW-10%			38.00					
	Lift Charges-1% per floor			3.80					
	Total			421.80					
102	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge- **Terrace Floor**								
	Terrace Floor	Sqm							
	Back side ling wall	1	1	12.70		2.00	25.40		
	Front Wall	1	1	12.60		2.00	25.20		
	Side Walls	1	1	7.40		2.00	14.80		
	–do–	1	1	2.75		2.00	5.50		
	Staircase Head room	1	1	22.05		3.30	72.77		
	Deduct CG	-1	1	1.80		2.40	-4.32		
						Total qty	139.35	425.60	59305.23
	Basic Rate			380.00					
	AW-10%			38.00					
	Lift Charges-1% per floor			7.60					
	Total			425.60					
103	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(Item No 8.51,Vol-2, Page no 50 of PWD SR 2021-22)								
	Putty	Sqm							
	Add GF Int Plastering Qty Vol 15						313.33		
	Add						47.00		
						Total qty	360.33	91.30	32897.82
	Basic Rate			83.00					
	AW-10%			8.30					
	Total			91.30					
104	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(Item No 8.51,Vol-2, Page no 50 of PWD SR 2021-22)								
	Putty	Sqm							
	Add FF Int Plastering Qty Vol 16						313.28		
	Add						46.99		
						Total qty	360.27	92.13	33191.33
	Basic Rate			83.00					
	AW-10%			8.30					
	Lift Charges-1% per floor			0.83					
	Total			92.13					
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(Item No 8.51,Vol-2, Page no 50 of PWD SR 2021-22)								

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105	**Putty**	Sqm							
	Add TF Int Plastering Qty Vol 17						87.78		
	Add						13.17		
						Total qty	**100.95**	92.96	9384.03
	Basic Rate			83.00					
	AW-10%			8.30					
	Lift Charges-1% per floor			1.66					
	Total			92.96					
106	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -Ground Floor								
	GF Internal Painting	Sqm							
	Add GF Int Plastering Qty Vol 15						313.33		
	Add						47.00		
						Total qty	**360.33**	115.50	41617.73
	Basic Rate			105.00					
	AW-10%			10.50					
	Total			115.50					
107	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -First Floor								
	FF Internal Painting	Sqm							
	Add FF Int Plastering Qty Vol 16						313.28		
	Add						46.99		
						Total qty	**360.27**	116.55	41989.03
	Basic Rate			105.00					
	AW-10%			10.50					
	Lift Charges-1% per floor			1.05					
	Total			116.55					
108	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (Item No 8.25,Vol-2, Page no 45 of PWD SR 2021-22) -Terrace Floor								
	TF Internal Painting	Sqm							
	Add TF Int Plastering Qty Vol 17						87.78		
	Add						13.17		
						Total qty	**100.95**	117.60	11871.37
	Basic Rate			105.00					
	AW-10%			10.50					
	Lift Charges-1% per floor			2.10					
	Total			117.60					
109	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (Item No 8.30,Vol-2, Page no 46 of PWD SR 2021-22)-Ground Floor								
	External Wall Painting	Sqm							
	Ground Floor								
	Add External paint Qty Vol-18						**125.85**		
							12.59		
						Total qty	**138.44**	149.60	20709.88
	Basic Rate			136.00					
	AW-10%			13.60					
	Total			149.60					

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	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (Item No 8.30,Vol-2, Page no 46 of PWD SR 2021-22)-First Floor								
110	**External Wall Painting**	Sqm							
	First Floor								
	Add External paint Qty Vol-19						129.63		
							12.96		
						Total qty	142.59	150.96	21525.84
	Basic Rate			136.00					
	AW-10%			13.60					
	Lift Charges-1% per floor			1.36					
	Total			150.96					
	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (Item No 8.30,Vol-2, Page no 46 of PWD SR 2021-22)-Terrace Floor								
111	**External Wall Painting**	Sqm							
	Terrace Floor								
	Add External paint Qty Vol-20						139.35		
							13.93		
						Total qty	153.28	152.32	23347.53
	Basic Rate			136.00					
	AW-10%			13.60					
	Lift Charges-1% per floor			2.72					
	Total			152.32					
	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, Lakared, River Pink, Orissa Blue or equivalent..(Ground Floor) (Item No 9.24, Vol-2, Page no 63 of PWD SR 2021-22)								
112	**Granite Flooring**	Sqm							
	Ground Floor								
	Meeting hall	1	1	7.00	5.1		35.70		
	Office	1	1	2.85	5.1		14.54		
	Verandah	1	1	12.70	1.8		22.86		
	Stair flooring	1	1	2.20	1.5		3.30		
	Add Qty						15.00		
						Total qty	91.40	3169.10	289639.89
	Basic Rate			2881.00					
	AW-10%			288.10					
	Total			3169.10					
	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, Lakared, River Pink, Orissa Blue or equivalent..(First Floor) (Item No 9.24, Vol-2, Page no 63 of PWD SR 2021-22)								
113	**Granite Flooring**	Sqm							
	First Floor								
	Room -1	1	1	6.00	5.1		30.60		
	Room -2	1	1	6.00	5.1		30.60		
	Verandah	1	1	12.70	1.8		22.86		
	Stair flooring	1	1	2.20	1.5		3.30		
	Add Qty						15.00		
						Total qty	102.36	3197.91	327338.07
	Basic Rate			2881.00					
	AW-10%			288.10					
	Lift Charges-1% per floor			28.81					
	Total			3197.91					

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114	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, Lakared, River Pink, Orissa Blue or equivalent..(Terrace Floor) (Item No 9.24, Vol-2, Page no 63 of PWD SR 2021-22)								
	Granite Flooring	Sqm							
	Terrace Floor								
	Stair flooring	1	1	2.20	1.5		3.30		
	Add Qty						2.00		
						Total qty	**5.30**	3226.72	17101.62
	Basic Rate			2881.00					
	AW-10%			288.10					
	Lift Charges-1% per floor			57.62					
	Total			3226.72					
115	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specificationand directions of the Engineer in charge.(Item No 14.51, Page no 110 of PWD SR 2018-19)								
	Staircase Granilte Flooring	Sqm							
	Ground to First Floor								
	Staircase								
	Risers	22	1	1.20		0.15	3.96		
	Treads	22	1	1.20	0.30		7.92		
	Landing	1	1	2.20	1.20		2.64		
						Qty	**14.52**	4901.60	71171.23
	Basic Rate			4456.00					
	AW-10%			445.60					
	Total			4901.60					
116	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specificationand directions of the Engineer in charge.(Item No 14.51, Page no 110 of PWD SR 2018-19)								
	Staircase Granilte Flooring	Sqm							
	First Floor to Terrace								
	Staircase								
	Risers	22	1	1.20		0.15	3.96		
	Treads	22	1	1.20	0.30		7.92		
	Landing	1	1	2.20	1.20		2.64		
						Qty to be Paid	**14.52**	4946.16	71818.24
	Basic Rate			4456.00					
	AW-10%			445.60					
	Lift Charges-1% per floor			44.56					
	Total			4946.16					
117	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.. - Ground Floor (Item No 10.18, Page no 72 of PWD SR 2021-22) Vol- 2								
	Granite Wall Cladding	Sqm							
	Ground Floor								
	Verandah	1	1	12.60		2.85	35.91		
	--do--	1	1	12.60		2.3	28.98		
	Deduction								
	D	-2	1	1.05		2.1	-4.41		
	W	-1	1	1.80		1.5	-2.70		
	D1	-1	1	0.75		2.1	-1.58		
	Skirting								
	Meeting Hall	1	1	24.20		0.15	4.63		
	Office	1	1	15.90		0.15	3.39		
						Total qty	**74.22**	3380.30	250885.87
	Basic Rate			3073.00					
	AW-10%			307.30					
	Total			3380.30					

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118 Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.. - First Floor (Item No 10.18, Page no 72 of PWD SR 2021-22)

Granite Wall Cladding	Sqm							
First Floor								
Verandah	1	1	12.60		2.85	35.91		
--do--	1	1	12.60		2.3	28.98		
Side wall	1	2	1.80		2.85	10.26		
Deduction								
D	-2	1	1.05		2.1	-4.41		
W	-1	1	1.80		1.5	-2.70		
D1	-1	1	0.75		2.1	-1.58		
CG	-1	1	1.80		2.4	-4.32		
Skirting								
Room	1	2	22.20		0.15	8.66		
					Total qty	80.81	3411.03	275628.28
Basic Rate			3073.00					
AW-10%			307.30					
Lift Charges-1% per floor			30.73					
Total			3411.03					

119 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete..(Item No 9.11, Page no 60 of PWD SR 2021-22) Volume - 2

Bathroom flooring tiles	Sqm							
Ground Floor								
Urinals Passage	1	1	1.80	1.7		3.06		
Gents Toilet	1	1	1.80	1.50		2.70		
Ladies Toilet	1	1	1.80	1.50		2.70		
					Total qty	11.46	850.30	9744.44
Basic Rate			773.00					
AW-10%			77.30					
Total			850.30					

120 Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (Item No 9.39, Page no 65 of PWD SR 2021-22) Volume 2

Bathroom Dado Tiles	Sqm							
Ground Floor								
Urinals Passage	1	1	6.40		2.85	18.24		
Gents Toilet	1	1	6.60		2.85	18.81		
Ladies Toilet	1	1	6.60		2.85	18.81		
Deduct Door D1	-1	3	0.65		2.1	-4.10		
V	-1	4	0.90		0.6	-2.16		
					Total qty	64.61	2282.50	147460.91
Basic Rate			2075.00					
AW-10%			207.50					
Total			2282.50					

121 Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.(Item No 15.1, Page no 133 of PWD SR 2021-22) V-2

Waterproofing of toilets	Sqm							
Ground Floor								
Urinals Passage	1	1	1.80	1.7		3.06		
Gents Toilet	1	1	1.80	1.50		2.70		
Ladies Toilet	1	1	1.80	1.50		2.70		
					Total qty	8.46	819.50	6932.97
Basic Rate			745.00					

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	AW-10%			74.50						
	Total			819.50						
122	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.(Item No 15.1, Page no 133 of PWD SR 2021-22)									
	Waterproofing for Terrace	Sqm								
	Terrace Floor									
	Terrace	1	1	12.90	7.6		98.04			
	–do–	1	1	2.40	4.75		11.40			
						Total qty	**109.44**	834.40	91316.74	
	Basic Rate			745.00						
	AW-10%			74.50						
	Lift Charges-1% per floor			14.90						
	Total			834.40						
123	KSRB10-3 :Providing and laying integral cement based water proofing treatment including preparation of surfa ce as required for treatment of roofs, balconies, terrace s etc., consisting of following application.(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound confor ming to IS:2645 over the RCCslab after cleaning the surfa ce before treatment. (b) Laying cement concrete using broken brick bats 25mm to100 mm size with 50% of ceme nt mortar 1:5 admixed with proprietary water proofing compound conforming IS: 2645 over 20mm thick layer of cement mortar1:5 adm ixed with proprietary water proofing compound to requir ed slope and treating similarly the adjo ining walls upto 300mm height including rounding off juncti ons of walls and slabs.(c)After two days of proper curing, applying a second coat of cement slurry admixed with proprietary water proofing compound. (d)Finishing the surface with20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the sur face with trowel and neat cement slurry and making of 300x300mm square. (e)The whole terrace so finished shall be flooded with waterfor a minimum period of two weeks forcuring and for final test including cost of materials,labour complete asper specifications.- Terrace floor (P.68/I.10.2PW,P&IWTD,BENGALURUCIRC LE-SR 2018 -19)									
		Sqm								
	Terrace Roof Top Portion	1	1	12.5	7.2		90.00			
	–do–	1	1	2.2	4.35		9.57			
						Total qty	**99.57**	1113.28	110849.29	
	Basic Rate			994						
	AW-10%			99						
	Lift Charges-1% per floor			19.88						
	Total			1113						
124	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No 12.3, Vol-2, Page no 99 of PWD SR 2021-22)									
	Ground Floor	Cum								
	D	2	1	6.30	0.15	0.125	0.24			
	D1	3	1	5.70	0.15	0.125	0.32			
						Total qty	**0.66**	81356.00	53440.72	
	Basic Rate			73960						
	AW-10%			7396						
	Total			81356						
125	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No 12.3, Vol-2, Page no 99 of PWD SR 2021-22)									
	First Floor	Sqm								
	D	3	1	6.30	0.15	0.125	0.35			
						Total qty	**0.45**	82095.60	37302.19	
	Basic Rate			73960						
	AW-10%			7396.00						
	Lift Charges-1% per floor			739.60						
	Total			82095.60						

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126	Providing and fixing 30 mm thick both side commercial flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification.(Item No 12.57.3, Vol-2, Page no 106 of PWD SR 2021-22)								
	Ground Floor	Sqm							
	D	2	1	1.05		2.1	4.41		
	D1	3	1	0.75		2.1	4.73		
						Total qty	9.14	2901.80	26507.94
	Basic Rate			2638.00					
	AW-10%			263.80					
	Total			2901.80					
127	Providing and fixing 30 mm thick both side commercial flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification.(Item No 12.57.3, Vol-2, Page no 106 of PWD SR 2021-22)								
	First Floor	Sqm							
	D	2	1	1.05		2.1	4.41		
						Total qty	4.41	2928.18	12913.27
	Basic Rate			2638.00					
	AW-10%			263.80					
	Lift Charges-1% per floor			26.38					
	Total			2928.18					
128	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size - 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (Item No 12.9, Page no 110 of PWD SR 2021-22) 12.90 112 V-2								
	Ground Floor	Sqm							
	W	1	4	1.80		1.5	10.80		
	V	1	4	0.90		0.6	4.16		
						Total qty	16.96	7964.00	135069.44
	Basic Rate			7240.00					
	AW-10%			724.00					
	Total			7964.00					
129	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size - 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (Item No 12.9, Page no 110 of PWD SR 2021-22) 12.90 112 V-2								
	First Floor	Sqm							
	W	1	6	1.80		1.5	16.20		
						Total qty	18.20	8036.40	146262.48
	Basic Rate			7240.00					
	AW-10%			724.00					
	Lift Charges-1% per floor			72.40					
	Total			8036.40					
130	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation and directions of the Engineer in charge (Page no-45, Item No-7.37 of PWD SR 2018-19) -Ground Floor								
	CG MS Gate-Ground Floor	1	1	1.80		2.4	4.32		

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		Sqm				Total qty	4.32	3313.20	14313.02
	Basic Rate			3012.00					
	AW-10%			301.20					
	Total			3313.20					
131	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation and directions of the Engineer in charge (Page no-45, Item No-7.37 of PWD SR 2018-19) -First Floor								
	CG MS Gate- First Floor	Sqm	1	1.80		2.4	4.32		
						Total qty	4.32	3343.32	14443.14
	Basic Rate			3012.00					
	AW-10%			301.20					
	Lift Charges-1% per floor			30.12					
	Total			3343.32					
132	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (Page no-85, Vol-2, Item No-11.34A of PWD SR 2021-22) -Ground Floor								
	Ground Floor	Kgs							
	MS Grill for Windows								
	W	1	4	1.80		1.5	10.80		
	V	1	4	0.90		0.6	4.16		
							14.96		
	Grill 25Kg/Sqm						374.00		
						Total qty	374.00	144.10	53893.40
	Basic Rate			131.00					
	AW-10%			13.10					
	Total			144.10					
133	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (Page no-85, Vol-2, Item No-11.34A of PWD SR 2021-22) - First Floor								
	First Floor	Kgs							
	MS Grill for Windows								
	W	1	6	1.80		1.5	16.20		
							16.20		
	Grill 25Kg/Sqm						405.00		
						Total qty	405.00	145.41	58891.05
	Basic Rate			131.00					
	AW-10%			13.10					
	Lift Charges-1% per floor			1.31					
	Total			145.41					
134	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge. ..(Page no-44, Item No-7.36 of PWD SR 2018-19)								
	Ground Floor	Sqm							
	MS Grill for Verandah Front wall								
	Above 2.3 Mts Lvl	1	1	14.10		0.70	14.87		
						Total qty	14.87	5905.90	87820.73
	Basic Rate			5369.00					
	AW-10%			536.90					
	Total			5905.90					
	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge. ..(Page no-44, Item No-7.36 of PWD SR 2018-19)								

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135	First Floor	Sqm							
	MS Grill for Verandah Front wall								
	Above 2.3 Mts Lvl	1	1	14.10		0.70	14.87		
						Total qty	14.87	5959.59	88619.10
	Basic Rate			5369.00					
	AW-10%			536.90					
	Lift Charges-1% per floor			53.69					
	Total			5959.59					

Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.. (Item No 11.28, Page no 83 of PWD SR ~~2018-19~~ 20-21)

136	Stainless Steel Railing	KGS							
	Ground Floor to Landing	1	1	3.85		1.07	4.12		
	Landing to First Floor Level	1	1	3.85		1.07	4.12		
						Total	8.24		
						12.5 kg/Sqm	12.50		
						Total Qty	102.99	550.00	56643.13
	Basic Rate			500.00					
	AW-10%			50.00					
	Total			550.00					

Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.. (Item No 11.28, Page no 83 of PWD SR 2018-19)

137	Stainless Steel Railing	KG							
	First Floor to Landing	1	1	3.85		1.07	4.12		
	Landing to Terrace Floor Level	1	1	3.85		1.07	4.12		
						Total	8.24		
						12.5 kg/Sqm	12.50		
						Total Qty	102.99	555.00	57158.06
	Basic Rate			500.00					
	AW-10%			50.00					
	Lift Charges-1% per floor			5.00					
	Total			555.00					

Providing and laying water proofing treatment to the Water tanks & Liquid Retaining structures with two component acrylic polymer modi fied cementitious waterproofing membrane with minimum elongation of 50% applied @ 1.5 kg/m2 for internal side waterproofing in two layers with waiting period of 4-6 hrs per layer and food grade epoxy coating in two coats certified by CFTRI Mysuru, including surface preparation completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge (Item No 15.6, Vol-2, Page no 134 of PWD SR 2021-22)

		Sqm							
138	For Sump								
	bottom Slab	1	1	3.76	3.16		11.88		
	Walls	1	2	3.46		1.8	12.46		
	--do--	1	2	2.86		1.8	10.30		
						Total Qty	34.63	505.05	17491.70
	Basic Rate			455.00					
	AW-10%			45.50					
	Lift Charges-1% per floor			4.55					
	Total			505.05					

Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22).

	Up to Ground floor	KG							
139	Footings						2237.25		

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	Columns						4121.25		
	Beams						2983.00		
	Slab						1491.50		
						Total qty	10833.00	96.80	1048634.40
	Basic Rate			88.00					
	AW-10%			8.80					
	Total			96.80					
140	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22).								
	First Floor	KG							
	Columns						2355.00		
	Beams						2512.00		
	Slab						1884.00		
						Total qty	6751.00	97.68	659437.68
	Basic Rate			88.00					
	AW-10%			8.80					
	Lift Charges-1% per floor			0.88					
	Total			97.68					
141	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22).								
	Terrace Floor	KG							
	Column, Beam & Slab						471.00		
						Total qty	471.00	98.56	46421.76
	Basic Rate			88.00					
	AW-10%			8.80					
	Lift Charges-1% per floor			1.76					
	Total			98.56					
142	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required (Page no-84, Vol-2, Item No-14.3.1 of PWD SR 2021-22).								
	Water Closets	Nos							
	Ground Floor								
	W/C	2	1				2.00		
						Total qty	2.00	5505.50	11011.00
	Basic Rate			5005.00					
	AW-10%			500.50					
	Total			5505.50					
143	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of four half stall urinals with 10 litre P.V.C. automatic flushing cistern (Item No 14.5.2, Page no 122 of PWD SR 2021-22) 14·5·4, V-2 P-124								
	Urinal Basins	Nos							
	Ground Floor								
	Gents Toilet	3	1				3.00		
						Total qty	3.00	12641.20	37923.60
	Basic Rate			11492.00					
	AW-10%			1149.20					
	Total			12641.20					
144	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer(Item No 14.7A, Vol-2, Page no 125 of PWD SR 2021-22)								
	Wash Basins	Nos							
	Ground Floor								
	Gents Toilet	3	1				3.00		

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						Total qty	3.00	3958.90	11876.70
	Basic Rate			3599.00					
	AW-10%			359.90					
	Total			3958.90					
145	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid (Item No 14.28.1.2, Page no 128 of PWD SR 2021-22) V-2								
	Ground Floor	Nos					3.00		
	Qty same as wash basins					Total qty	3.00	236.50	709.50
	Basic Rate			215.00					
	AW-10%			21.50					
	Total			236.50					
146	Providing and fixing PTMT towel rail 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g. complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. (Item No 14.40.2,Vol-2, Page no 130 of PWD SR 2021-22)								
	Towel Rails	Nos					3.00		
	Bath rooms	3	1			Total qty	3.00	418.00	1254.00
	Basic Rate			380.00					
	AW-10%			38.00					
	Total			418.00					
147	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge.(Item No 14.32.3, Page no 128 of PWD SR 2021-22) V-2								
	Mirror	Nos					3.00		
	Bath rooms	3	1	869.00		Total qty	3.00	955.90	2867.70
	Basic Rate			869.00					
	AW-10%			86.90					
	Total			955.90					
148	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. -do - 110 mm dia complete as per specifications and directions of the Engineer in charge. (Item No 13.73.5, Page no 96 of PWD SR 2018-19)								
	PVC Pipes	Nos							
	Rainwater pipes	8	1	8.00			64.00		
	Sanitary Pipes								
	Toilets								
	Verticle Pipes	3	1	12.00			36.00		
	Horizontal Pipe	1	1	10.00			10.00		
						Total qty	110.00	654.50	71995.00
	Basic Rate			595.00					
	AW-10%			59.50					
	Total			654.50					
149	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (25mm nominal OD pipes) complete as per specifications.and directions of the Engineer in charge.(Item No 13.86.3, Page no 99 of PWD SR 2018-19)								
	CPVC Pipe	Mtr							
	Ground Floor								
	Toilets	1	1	25.00			25.00		
						Total qty	25.00	322.30	8057.50
	Basic Rate			293.00					
	AW-10%			29.30					
	Total			322.30					

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150	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (25mm nominal OD pipes) complete as per specifications.and directions of the Engineer in charge.(Item No 13.86.3, Page no 99 of PWD SR 2018-19) - First Floor .								
	CPVC Pipe	Mtr							
	First Floor								
	Toilets	1	1	30.00			30.00		
						Total qty	30.00	325.23	9756.90
	Basic Rate			293.00					
	AW-10%			29.30					
	Lift Charges-1% per floor			2.93					
	Total			325.23					
151	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (25mm nominal OD pipes) complete as per specifications.and directions of the Engineer in charge.(Item No 13.86.3, Page no 99 of PWD SR 2018-19) - Terrace Floor								
	CPVC Pipe	Mtr							
	Terrace Floor								
	Toilets	1	1	20.00			20.00		
						Total qty	20.00	328.16	6563.20
	Basic Rate			293.00					
	AW-10%			29.30					
	Lift Charges-1% per floor			5.86					
	Total			328.16					
152	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 20 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (25mm nominal OD pipes) complete as per specifications.and directions of the Engineer in charge. (Item No 13.86.2, Page no 99 of PWD SR 2018-19)								
	CPVC Pipe	Mtr							
	Ground Floor								
	Toilets	1	1	20.00			20.00		
						Total qty	20.00	258.50	5170.00
	Basic Rate			235.00					
	AW-10%			23.50					
	Total			258.50					
153	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. complete as per specifications and directions of the Engineer in charge.(Item No 11.50.2, Page no 75 of PWD SR 2018-19)								
	Inspection Chamber	Nos							
	Brick masonary chamber	4	1				4.00		
						Total qty	4.00	9339.00	37356.00
	Basic Rate			8490.00					
	AW-10%			849.00					
	Total			9339.00					
154	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 5000 Litre capacity) as per Specification and directions of the Engineer in charge. (Item No 13.78, Page no 96 of PWD SR 2018-19)								
	Water storage Tank	Nos							
	5000 litets tank	1	1				1.00	37554.00	37554.00
						Total qty	1.00	37554.00	37554.00

7376.24
6828
36871.00

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	Basic Rate			34140.0					
	AW-10%			3414.0					
	Total			37554.0					
155	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.(Item No 13.2.2, Page no 115 of PWD SR 2020-21)								
	Brass Bib Cock	Nos							
	Toilets	6	1				6.00		
						Total qty	6.00	379.50	2277.00
	Basic Rate			345.0					
	AW-10%			34.5					
	Total			379.5					
156	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. (Item No 13.3.2, Page no 115 of PWD SR 2021-22)								
	Brass Stop Cock	Nos							
	Stop cock	4	1				4.00		
						Total qty	4.00	379.50	1518.00
	Basic Rate			345.0					
	AW-10%			34.5					
	Total			379.5					
157	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.and directions of the Engineer in charge. (Item No 13.4.1, Page no 115 of PWD SR 2020-21)								
	Brass gate valve	Nos							
	Gate Valve	4	1				4.00		
						Total qty	4.00	580.80	2323.20
	Basic Rate			528.0					
	AW-10%			52.8					
	Total			580.8					
158	Providing and fixing CUBICLE WORKSTATIONS consisting of wings made out of 75 mm thick MS CRCA powder coated,tile based system for main and return spine, Top tile finish 8 mm thick MDF covered with Fabric of approved colour and one writing board (600 mm W) and one soft board (600 mm W) per workstation, Bottom tile finish 9 mm thick Laminate tile of approved colour, Raceway- one middle raceway (600mm W) below table top per workstation and continous raceway at the skirting level, Wire manager - ABS plastic grommet one number per table,Table top - 25 mm thick PLPB with straight table top End Table 25 mm thick PLPB with straightedge bound Hardware-MS powder coated corner bkt, cantilever bkt, separator hook on bkt, L bkt and Table joint plate., as per specifications, drawings and as directed by Engineer in charge. X TYPE 4 wings. 3 A) Size : 1500 mmW x 1200mm D x 1200 mm ht. complete as per specifications and directions of the Engineer in charge . (Item No 39.16.1, Page no 333 of PWD SR 2018-19)								
	Cubicle Work station	Nos							
	Ground Floor	2	1				2.00		
						Total qty	2.00	55000.00	110000.00
	Basic Rate			50000.0					
	AW-10%			5000.0					
	Total			55000.0					
159	FREE STANDING TABLE FOR CABIN - WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top, 25 mm thick PLPB with edge bomded End table, 18 mm thick PLPB with edge bonded Modesty, Wire manager -ABS plastic grommet one number per table Hardware-Minifix assembly and screw leg., as per specifications, drawings and as directed by Engineer in charge. Main Table : 1500 mmW x 750mm D x 750 mm ht (Edgebinding table top) Side Table : 900 mm W x 450mm D X 750 mm ht.complete as per specifications and directions of the Engineer in charge . (Item No 39.17.1, Page no 334 of PWD SR 2018-19)								
	Free standing table	Nos							
	Tables	2	1				2.00		
						Total qty	2.00	13156.00	26312.00
	Basic Rate			11960.0					
	AW-10%			1196.0					
	Total			13156.0					
	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge. ..(Page no-44, Item No-7.36 of PWD SR 2018-19)								

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160	Terrace Floor	Sqm							
	MS Grill above Parapet Wall								
	Front & Rear side Ling wall	1	2	12.90		0.60	20.48		
	Side	1	1	17.76		0.60	15.66		
	Side	1	1	2.85		0.60	6.71		
						Total qty	42.85	6013.28	257659.43
	Basic Rate			5369.00					
	AW-10%			536.90					
	Lift Charges-1% per floor			107.38					
	Total			6013.28					

161	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22) V-2								
	MS Grill Painting	Sqm							
	Ground Floor								
	Window-W	1	4	1.80		1.5	10.80		
	Ventelator	1	4	0.90		0.6	2.16		
	CG	1	1	1.80		2.4	4.32		
	MS Grill Abive 2.3 Lvl	1	1	12.60		0.7	8.82		
						Total qty	46.10	143.00	6592.30
	Basic Rate			130.00					
	AW-10%			13.00					
	Total			143.00					

162	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22) - First Floor								
	MS Grill Painting	Sqm							
	First Floor								
	Window-W	1	6	1.80		1.5	16.20		
	CG	1	1	1.80		2.4	4.32		
	MS Grill Abive 2.3 Lvl	1	1	12.60		0.7	8.82		
						Total qty	29.34	144.30	4233.76
	Basic Rate			130.00					
	AW-10%			13.00					
	Lift Charges-1% per floor			1.30					
	Total			144.30					

163	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22) - Terrace Floor								
	Terrace Floor	Sqm							
	MS Grill above Parapet Wall								
	Front & Rear side Ling wall	1	2	12.90		0.60	20.48		
	Side	1	1	17.76		0.60	15.66		
	Side	1	1	2.85		0.60	6.71		
						Total qty	42.85	145.60	6238.73
	Basic Rate			130.00					
	AW-10%			13.00					
	Lift Charges-1% per floor			2.60					
	Total			145.60					

	Electrical								
164	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .19/20mm 19-20, P-1, i-1.2.1								
	Electrical	M							
	19/20 mm conduit pipe	1	1	150.00			150.00		
						Total qty	150.00	40.00	6000.00

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165	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. complete as per specifications and directions of the Engineer in charge .25mm Ele- PWD- SR - 19-20 - 1.2.2 P-1								
	Electrical	M							
	25 mm conduit pipe	1	1	50.00			50.00		
						Total qty	**50.00**	53.00	2650.00
166	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. complete as per specifications.and directions of the Engineer in charge. Ele- PWD - SR - 19-20 It- 1.1.3, P-1								
	Electrical	M							
	open conduit pipe	1	1	40.00			40.00		
						Total qty	**40.00**	92.00	3680.00
167	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. **19/20mm dia, 2mm thick** complete as per specifications.and directions of the Engineer in charge. Ele-PWD- SR - 19-20 1.3.1 P-1								
	Electrical	M							
	19/20mm conduit pipe- Groove cutting	1	1	80.00			80.00	40.00	3200.00
						Total qty	**80.00**		
168	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. **32mm dia, 2mm thick** complete as per specifications.and directions of the Engineer in charge. Ele-SR- 19-20 - It - 1.33 P-1								
	Electrical	M							
	32mm conduit pipe- Groove cutting	1	1	20.00			20.00	53.00	1060.00
						Total qty	**20.00**		
169	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **19/20mm deep junction box** (19-20) Ele-SR- It - 1.5.1 - P-1								
	Electrical	Nos							
	19/20mm deep junction box	1	1	20.00			20.00	43.00	860.00
						Total qty	**20.00**		
170	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **25 mm deep junction box** (19-20) Ele-SR- It - 1.5.2 - P-1								
	Electrical	Nos							
	25 mm deep junction box	1	1	15.00			15.00	47.00	705.00
						Total qty	**15.00**		
171	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **32mm deep junction box** (19-20) Ele- SR- It - 1.5.3 - P-1								
	Electrical	Nos							
	32mm deep junction box	1	1	10.00			10.00	60.00	600.00
						Total qty	**10.00**		
172	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge **1 to 2 way** Ele- SR - 19-20, It - 1.6.6, P- 2								
	Electrical	Nos							
	1 to 2 way	1	1	5.00			5.00	33.00	165.00
						Total qty	**5.00**		
173	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge **3 to 4 way** Ele- SR- 19-20 It - 1.6.7, P-2								
	Electrical	Nos							
	3 to 4 way	1	1	5.00			5.00	40.00	200.00
						Total qty	**5.00**		

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174	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete, complete as per specifications and directions of the Engineer in charge Ele-SR – 19-20, Pt – 1.7.1 P – 2								
	Electrical	Nos							
	Extra for groove cutting	1	1	150.00			150.00		
						Total qty	150.00	21.00	3150.00
175	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod complete as per specifications and directions of the Engineer in charge								
	Electrical	Nos							
	S Hook	1	1	5.00			5.00		
						Total qty	5.00	34.00	170.00
176	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge Short point upto 3Mtrs from tapping point to out let via switch Ele-SR-19-20, Pt-2.1.1 P-2								
	Electrical	Nos							
	Point wiring using copper wire with switch upto 3 mtrs	1	1	8.00			8.00		
						Total qty	8.00	200.00	1600.00
177	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge . Medium point above 3Mtrs upto 6Mtr from Tapping point to out let via switch Ele-SR- 19-20- Pt-2.1.2, P-3								
	Electrical	Nos							
	Point wiring using copper wire with switch upto 3-6 mtrs	1	1	8.00			8.00		
						Total qty	8.00	275.00	2200.00
178	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A 1 sqmm complete as per specifications and directions of the Engineer in charge Ele-SR – 19-20, Pt-23.1 , P-3								
	Electrical	M					100.00		
	1 Sqmm Wire	1	1	100.00			100.00		
						Total qty	100.00	14.00	1400.00
179	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 2.5 sqmm complete as per specifications.and directions of the Engineer in charge. Ele-SR – 19-20, Pt – 2.3.3, P-3								
	Electrical	M					80.0		
	2.5 Sqmm Wire	1	1	80.00			80.0		
						Total qty	80.0	32.00	2560.00
180	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 4 sqmm complete as per specifications.and directions of the Engineer in charge. Ele-SR – 19-20, Pt – 2.3.4 , P-3								
	Electrical	M					80.00		
	4 Sqmm Wire	1	1	80.00			80.00		
						Total qty	80.00	45.00	3600.00
181	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 6 sqmm complete as per specifications.and directions of the Engineer in charge. Ele-SR – 19-20, Pt – 2.3.5 , P-3								
	Electrical	M					60.00		
	6 Sqmm Wire	1	1	60.00			60.00		
						Total qty	60.00	70.00	4200.00

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182	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 1 to 3 module Ele- SR- 19-20, It-3.5.1, P-5.								
	Electrical	Nos							
	1 to 3 module	1	1	15.00			15.00		
						Total qty	295.00	110.00	32450.00
183	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 4 module Ele-SR- 19-20, It-3.5.2 - P-5								
	Electrical	Nos							
	4 module	1	1	12.00			12.00		
						Total qty	12.00	125.00	1500.00
184	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge 6 module Ele-SR- 19-20, It- 3.5.3 P-5								
	Electrical	Nos							
	6 module	1	1	10.00			10.00		
						Total qty	10.00	175.00	1750.00
185	Supply box type suitable for 28W T5 single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main connectors. Channel cover shall be made of CRCA MS sheet and finishing is done with stone enameled white with end caps made of engineering plastic complete as per specifications and directions of the Engineer in charge a) Electronic Ballast suitable for T5 Lamp 1x24 Watt								
	Electrical	Nos							
	T5 Lamp 1x24 Watt	1	1	12.00			12.00		
						Total qty	12.00	510.00	6120.00
186	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. complete as per specifications and directions of the Engineer in charge 50-63 Amps SP Ele-SR- 19-20, It- 5.17.3 - P-13								
	Electrical	Nos							
	50-63 Amps SP	1	1	3.00			3.00		
						Total qty	3.00	723.00	2169.00
187	LED Drivers suitable for 5700K LED fitting Outdoor Fixtures 240W 5700K suitable for outdoor LED fitting complete as per specifications and directions of the Engineer in charge Ele-SR- 19-20, It-12.52.9 P-43								
	Electrical	Nos							8757
	5700K LED fitting Outdoor	1	1	4.00			4.00		
						Total qty	4.00	7567.00	30268.00
188	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. complete as per specifications and directions of the Engineer in charge Ele- SR- 19-20, It-3.9, P-6								
	Electrical	Sqcm							
	4mm thick plastic sheet	1	1	200.00			200.00		
						Total qty	200.00	0.27	54.00
189	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm) complete as per specifications.and directions of the Engineer in charge. Ele- SR- 6.19-20, It-No-6.3.1, P- 22								
	Electrical	Nos							
	ceiling fan	1	1	8.00			8.00		
						Total qty	8.00	2090.00	16720.00
190	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge Stepped Fan Regulator Ele-SR- 19-20, It-3.6.9 P-5								
	Electrical	Nos							
	Stepped Fan Regulator	1	1	8.00			8.00		
						Total qty	8.00	290.00	2320.00
191	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge TV/Telephone socket Ele-SR- 19-20, It-3.6.12 P-5								
	Electrical	Nos							
	TV/Telephone socket	1	1	4.00			4.00		

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						Total qty	4.00	79.00	316.00
192	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge RJ45/I.O. outlet Ele-SR-19-20, DT-36-13 P-5								
	Electrical	Nos							
	RJ45/I.O. outlet	1	1	5.00			5.00		
						Total qty	5.00	195.00	975.00
193	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. complete as per specifications and directions of the Engineer in charge Ele-SR 19-20 DT-13.10 P-46								
	Electrical	Nos							
	Ceiling/Wall mounting fan	1	1	4.00			4.00		
						Total qty	4.00	150.00	600.00
194	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.(Icu = Ics) . complete as per specifications and directions of the Engineer in charge 100Amps 25kA. Ele-SR-19-20-DT-5.14.1 P-12								
	Electrical	Nos							
	MCCB 100Amps 25kA.	1	1	2.00			2.00		
						Total qty	2.00	4530.00	9060.00
195	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.(Icu = Ics) . complete as per specifications and directions of the Engineer in charge 250Amps 35kA. Ele-SR-19-20, DT-5-16-5 - P-12								
	Electrical	Nos							
	MCCB 250Amps 35kA.	1	1	1.00			1.00		
						Total qty	1.00	15350.00	15350.00
196	Supplying, fixing wiring **earth electrode** for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia. complete as per specifications and directions of the Engineer in charge								
	Electrical	Nos							
	earth electrode	1	1	2.00			2.00		
						Total qty	2.00	2999.70	5999.40
197	Supplying of **1.1 KV LT UG cable** having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with confirming to the attached GTP of GROUP-A. (62/7.4) **4 core 16 sqmm** complete as per specifications.and directions of the Engineer in charge.								
	Electrical	M							
	4 core 16 sqmm	1	1	20.00			20.00		
						Total qty	20.00	150.00	3000.00
198	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. complete as per specifications.and directions of the Engineer in charge. 6sqmm to 16 sqmm								
	Electrical	M							
	6sqmm to 16 sqmm	1	1	20.00			20.00		
						Total qty	20.00	11.88	237.60
199	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. complete as per specifications.and directions of the Engineer in charge 40 mm								
	Electrical	Nos							
	class A (medium duty) GI pipe	1	1	4.00			4.00		
						Total qty	4.00	335.00	1340.00
200	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. complete as per specifications.and directions of the Engineer in charge 16 Sqmm								
	Electrical	Nos							
	L.T. cast Iron pot heads	1	1	1.00			1.00		
						Total qty	1.00	270.00	270.00
201	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc.complete as per specifications.and directions of the Engineer in charge 32 Amps Ele-SR-19-20-DT-5.7.2 P-10								

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	Electrical	Nos							
	Porcelain fuse channel	1	1	6.00			6.00		
						Total qty	6.00	174.00	1044.00
202	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase /3 phase /single for with powder coated painting etc., complete as per specifications.and directions of the Engineer in charge . Single Door b) 8 way SP&N Ele-SR-19-20 It-5.18.3 / P-13.								
	Electrical	Nos							
	MCB Single Door b) 8 way SP&N	1	1	2.00			2.00		
						Total qty	2.00	960.00	1920.00
203	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete complete as per specifications.and directions of the Engineer in charge 12" Sweep (300mm) Ele-SR-19-20-It-6.2.1, P-22								
	Electrical	Nos							
	exhaust fan	1	1	3.00			3.00		
						Total qty	3.00	2100.00	6300.00
204	Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications.and directions of the Engineer in charge Ele-SR-19-20, It-8.1, P-27								
	Electrical	M							
	UTP-CAT 6E LAN cable	1	1	10.00			10.00		
						Total qty	10.00	29.00	290.00
205	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications.and directions of the Engineer in charge 2 pairs Ele-SR-19-20-8.2.2 P-27								
	Electrical	M							
	Telephone cable	1	1	15.00			15.00		
						Total qty	15.00	14.50	217.50
206	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read b. panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications.and directions of the Engineer in charge								
	Electrical	Nos							
	Meter and panel board	1	1	1.00			1.00		
						Total qty	1.00	6630.00	6630.00
207	Earthing: supplying and fixing and wiring earth electrode for grounding circuits IC cut outs and other equipment on the meter board in the pit the pits should be filled in with a equal proportion of salt and charcoal 150 mm around the pipe to complete depth the connection from the GI wire of size as per the clause 1, 3.3 of IS 732 using 12 mm bolts nuts washers and check nuts complete (copy enclosed) complete as per specifications.and directions of the Engineer in charge SR-21-22 Vol-5, P-164, INo-45, (P430A)								
	Electrical	Nos							
	Earthing	1	1	1.00			1.00	3750	3750
						Total qty	1.00	~~1500.00~~	~~1500.00~~
208	Providing & Installing Pumping Machinery1.50 HP 10.00 Stage with accessiories.(~~P.XLII /Sl.No.9~~ PW,P & IWTD, ~~BENGALURU CIRCLE-SR 2018-19~~) V-5, SR-21,22, P-164, INo-46 (P440A)								
	For Water supply Purpose	1	1	1.00			1.00		
		Nos				Total qty	1.00	~~14283.00~~ 15425	~~14283.00~~ 15425

Grand Total	113263973.47
GST Charges (12% of estimated cost)	13591677.00
DPR Charges (1% of estimated cost)	1295000.00
Project management And Consultancy Charges(1% of estimated cost)	1295000.00
Miscellenious and rounding	54350.00
Grand Total Amount Rs.	129500000.00
(Rupees Twelve Crores Ninty Five Lakhs Only)	

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The estimate is based on C.S.R of 2018-2019, PWD 2021-2022 Issue Rates and Data Rates.and Approved Data Rate of Bangalore Circle.
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other Programs or Grants

Assistant Engineer
W-03.

Executive Engineer
Yelahanka - Division
B.B.M.P

Assistant Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
B.B.M.P
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

Administrative Sanction for Rs. 1295.00 Lakhs
Rupees Twelve Crore Ninety Five lakhs Only
is accorded under head P-3877 Amruth Nayanathon Grants
Registered as CE No. 27 Subject to conditions contained in enclosed memo
No BBMP/EE/YNK-D/AS/27/2022-23 Dt 18/8/22

Executive Engineer

Technical Sanction
Accorded For 1295.00 Lakhs
Head of A/C P-3877
CER NO : 25 Dt: 21/6/2022

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